MINI PROJECT

REPORT ON

Magical Schedular

Submitted By
Shinde Kulbhushan.
Chaudhari Vaibhav.
Sureshkumar Anisha.
Dale Pranita.
Kshirsagar Snehal.

Under the Guidance of
Prof. Dr. Ashwyn Kumar Sir

Submitted To
Savitribai Phule Pune University

As a partial fulfillment for the award of
the degree of
MASTER OF COMPUTER APPLICATION
Semester : 1

At
ASM's
Institute of Business Management and
Research, Chinchwad, Pune – 19

(Affiliated to SPPU & Approved by AICTE)

Session: 2021-23

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CHAPTER 1: INTRODUCTION

1.1 Introduction

This project magical timetable schedular can be used by any organization or group of user and even single user can use it. The speciality of this project is that it is very dynamic in nature, and can be manipulated easily by the user.
Timetable Schedular is the app which is made for students and teachers, to stay updated about regular timetable.

1.2 Existing System and Need for System

Existing system:

• In existing system there are lots of paper work and manual processing.
• Records very carefully as the entire data is written in those book
• Everything is paper based hence it is very time consuming more than person can't access the data at same time
• There is no system to check the past transactions on any bill, to do this they have to check payment register and this task is too much time consuming and tiresome.
• The manually system work very difficult and very complex for manages celebration.

Need for new system:

• Keep proper records of items.
• It also maintains correct and quick processing to get some printed output or records.
• The main objective of this system to store large amount of data within less time.
• The most important objective is to provide the security. Authority security and further privacy and also provide management of information very quickly.
• To overcome some problem that comes during existing system.
• Now the day, everyone lives with very fast life; no one can wait a time consuming so new system do the necessary and speedy job daily monthly yearly easily and quickly.

1.3 Scope of Work:

Through this app students can get quick information about regular timetable.
The system will have:

- Student's Login
- Teacher's Login

This system has low maintenance and fast processing.

1.4 Operating Environment - Hardware and Software:

HARDWARE:

Processor : Intel i3CORE
RAM : 4.00 GB
HARD DISK : 16 GB

SOFTWARE:

Technology : Java (Netbeans IDE)
Backend : MySql
Frontend : JSP

1.5 Detail Description of Technology used:

1. JAVA:

Java is a general-purpose, object-oriented programming language developed by Sun Microsystems of USA in 1991.Originally called Oak by James Gosling (one of the inventor of the language). Java was invented for the development of software for cunsumer electronic devices like TVs, tosters, etc. The main aim had to make java simple, portable and reliable. Java Authors: James , Arthur Van , and others. Java is a high-level, third generation programming language, like C, FORTRAN, Smalltalk, Perl, and many others. You can use Java to write computer applications that play games, store data or do any of the thousands of other things computer software can do. Compared to other programming languages, Java is most similar to C. However although Java shares much of C's syntax, it is not C. Knowing how to program in C or, better yet, C++, will certainly help you to learn Java more quickly, but you don't need to know C to learn Java. A Java compiler won't compile C code, and most large C Shipment Tracking Management 11 | P a g e programs need to be changed substantially before they can become Java programs. What's most special about Java in relation to other programming languages is that it lets you write special programs called applets ,web project etc. that can be downloaded from the Internet and played safely within a web browser. Java language is called as an Object-Oriented Programming language and before beginning for Java, we have to learn the concept of OOPs(Object-Oriented Programming). programs need to be changed substantially before they can become Java programs. What's most special about Java in relation to other programming languages is that it lets you write special programs called applets ,web project etc. that can be downloaded from the Internet and played safely within a web browser. Java language is called as an Object-Oriented Programming language and before beginning for Java, we have to learn the concept of OOPs(Object-Oriented Programming).

Mapping:

Mapping Java classes to database tables is accomplished through the configuration of an XML file or by using Java Annotations. When using an XML file, Hibernate can generate skeletal source code for the persistence classes. This is unnecessary when annotations are used. Hibernate can use the XML file or the

annotations to maintain the database schema. Facilities to arrange one-to-many and many-to-many relationships between classes are provided. In addition to managing associations between objects, Hibernate can also manage reflexive associations where an object has a one-to-many relationship with other instances of its own type.

MySQL:

MySQL is the world's most used open source relational database management system (RDBMS) as of 2008 that runs as a server providing multi-user access to a number of databases.The MySQL development project has made its source code available under the terms of the GNU General Public License, as well as under a variety of proprietary agreements. MySQL was owned and sponsored by a single for-profit firm, the Swedish company MySQL AB, now owned by Oracle Corporation. MySQL is a popular choice of database for use in web applications, and is a central component of the widely used LAMP open source web application software stack (and other 'AMP' stacks). LAMP is an acronym for "Linux, Apache, MySQL, Perl/PHP/Python." Free-software-open source projects that require a full-featured database management system often use MySQL.

Interfaces:

MySQL is a relational database management system (RDBMS), and ships with no GUI tools to administer MySQL databases or manage data contained within the databases. Users may use the included command line tools, or use MySQL "front-ends", desktop software and web applications that create and manage MySQL databases, build database structures, back data, inspect status, and work with data records. The official set of MySQL front-end tools, MySQL Workbench is actively developed by Oracle, and is freely available for use.

Graphical

The official MySql Workbench is a free integrated environment developed by MySQL AB, that enables users to graphically administer MySQL databases and visually design database structures. MySQL Workbench replaces the previous package of software, MySQL GUI Tools. Similar to other third-party packages, but still considered the authoritative MySQL front end, MySQL Workbench lets users manage database design & modeling, SQL development (replacing MySQL Query Browser) and Database administration (replacing MySQL Administrator).
MySQL Workbench is available in two editions, the regular free and open source Community Edition which may be downloaded from the MySQL website, and the proprietary Standard Edition which extends and improves the feature set of the Community Edition.

CHAPTER 2: PROPOSED SYSTEM

2.1 Proposed System:

Computer is manmade machine. It takes some data as input process as per instruction and give result very quickly and accurately. System is an orderly grouping interdependent component linked together to according to plan to achieve specific objective.

There are many drawbacks in manual system. To overcome these all drawbacks there is need of computerization there are many chances of mistakes while calculation. When calculation is performed on computer, we get more accuracy than manual work. It is easy to generate reports which can received quickly therefore it save the time and energy so fact is reduce man power automatically.

In proposed system when we enter information for new entries, details of event on computer then within fraction of time report will generate. As well as we see total information of particular customer and also we removed particular record from computer and the information about particular field is updated automatically you can create bill receipt on these proposed system. We can see reports at any time on system.

2.2 Objectives of System

- It is very user-friendly and having added more features.
- To access more postal and parcel carriers.
- To improve our order and fulfilment operations.
- To integrate our customers.
- To develop global partnership.
- To keep track of the order according to its Status.
- To keep payment details, document details, container details etc.
- To issue tender Notice to suppliers.
- The System easily generates reports.
- Wastage of time is avoided.
- Provide security to data.
- Reduce manpower.
- Decrease manual mistakes.
- Easy maintenance of Import and Export document

2.3 User Requirements:

2.3.1 Functional Requirements

• In software engineering, a functional requirement defines a function of a software system or its component.
• A function is described as a set of inputs, the behavior, and outputs
• Functional requirements may be calculations, technical details, data manipulation and processing and other specific functionality that define what a system is supposed to accomplish. Behavioral requirements describing all the cases where the system uses the functional requirements are captured in use cases
• Functional requirements are supported by non-functional requirements (also known as quality requirements), which impose constraints on the design or implementation (such as performance requirements, security, or reliability).
• Generally, functional requirements are expressed in the form "system must do ", while non-functional requirements are "system shall be ". The plan for implementing functional requirements is detailed in the system design. The plan for implementing non-functional requirements is detailed in the system architecture.
• As defined in requirements engineering, functional requirements specify particular results of a system. This should be contrasted with non-functional requirements which specify overall characteristics such as cost and reliability. Functional requirements drive the application architecture of a system, while non-functional requirements drive the technical architecture of a system

2.3.2 Non Functional Requirements

➢ **Product Requirements**

❖ **Usability requirements**

Usability is the ease of use and learns ability of a human-made object. The object of use can be a software application, website, book, tool, machine, process, or anything a human interacts with. A usability study may be conducted as a primary job function by a usability analyst or as a secondary job function by designers, technical writers, marketing personnel, and others. Usability includes methods of measuring usability, such as needs analysis and the study of the principles behind an object's perceived efficiency or elegance. In human-computer interaction and computer science, usability studies the elegance and clarity with which the interaction with a computer program or a web site (web usability) is designed. Usability differs from user satisfaction and user experience because usability also considers usefulness.

❖ **Reliability requirements**

Reliability deals with the study, evaluation, and life-cycle management of reliability: the ability of a system or component to perform its required functions under stated conditions for a specified period of time. Reliability engineering is a sub-discipline within systems engineering. Reliability is theoretically defined as the probability of failure, the frequency of failures, or in terms of availability, a probability derived from reliability and maintainability. Maintainability and maintenance may be defined as a part of reliability engineering. Reliability plays a key role in cost-effectiveness of systems.

❖ **Portability requirements**

Portability in high-level computer programming is the usability of the same software in different environments. The pre-requirement for portability is the generalized abstraction between the application logic and system interfaces. When software with the same functionality is produced for several computing platforms, portability is the key issue for development cost reduction.

Transferring installed program files to another computer of basically the same architecture. Reinstalling a program from distribution files on another computer of basically the same architecture.

❖ **Efficiency requirements**

Resource consumption for given load describes efficiency of product and web site.

❖ **Performance requirements**

Performance metrics include availability, response time, channel capacity, latency, completion time, service time, bandwidth, throughput, relative efficiency, scalability, performance per watt, compression ratio, instruction path length and speed up.

- Short response time for a given piece of work
- High throughput (rate of processing work)
- Low utilization of computing resource(s)
- High availability of the computing system or application
- Fast (or highly compact) data compression and decompression
- High bandwidth / short data transmission time

➢ **Organizational Requirements**

❖ **Delivery requirements**

Delivery requirements include details of delivery of product on time and as per client requirements. The products should be delivered on prescribed standard.

❖ **Implementation requirements**

Implementation is the realization of an application, or execution of a plan, idea, model, design, specification, standard, algorithm, or policy. an implementation is a realization of a technical specification or algorithm as a program, software component, or other computer system through programming and deployment. Many implementations may exist for a given specification or standard. For example, web browsers contain implementations of World Wide Web Consortium recommended specifications, and software development tools contain implementations of programming languages.

❖ **Standard requirements**

The project should be developed as per standard format specified by IEEE. Typical platforms include a computer architecture, operating system, programming languages and related user interface. The product should be developed as per client's standard requirements.

➢ **External Requirements**

❖ **Interoperability requirements**

Interoperability is a property of a product or system, whose interfaces are completely understood, to work with other products or systems, present or future, without any restricted access or implementation. The IEEE Glossary defines interoperability as: the ability of two or more systems or components to exchange information and to use the information that has been exchanged

❖ **Legislative requirements**

In the proprietary software industry, an end-user license agreement or software license agreement is the contract between the licensor and purchaser, establishing the

purchaser's right to use the software. The license may define ways under which the copy can be used.Software companies often make special agreements with large businesses and government entities that include support contracts and specially drafted warranties.

❖ **Privacy requirements**

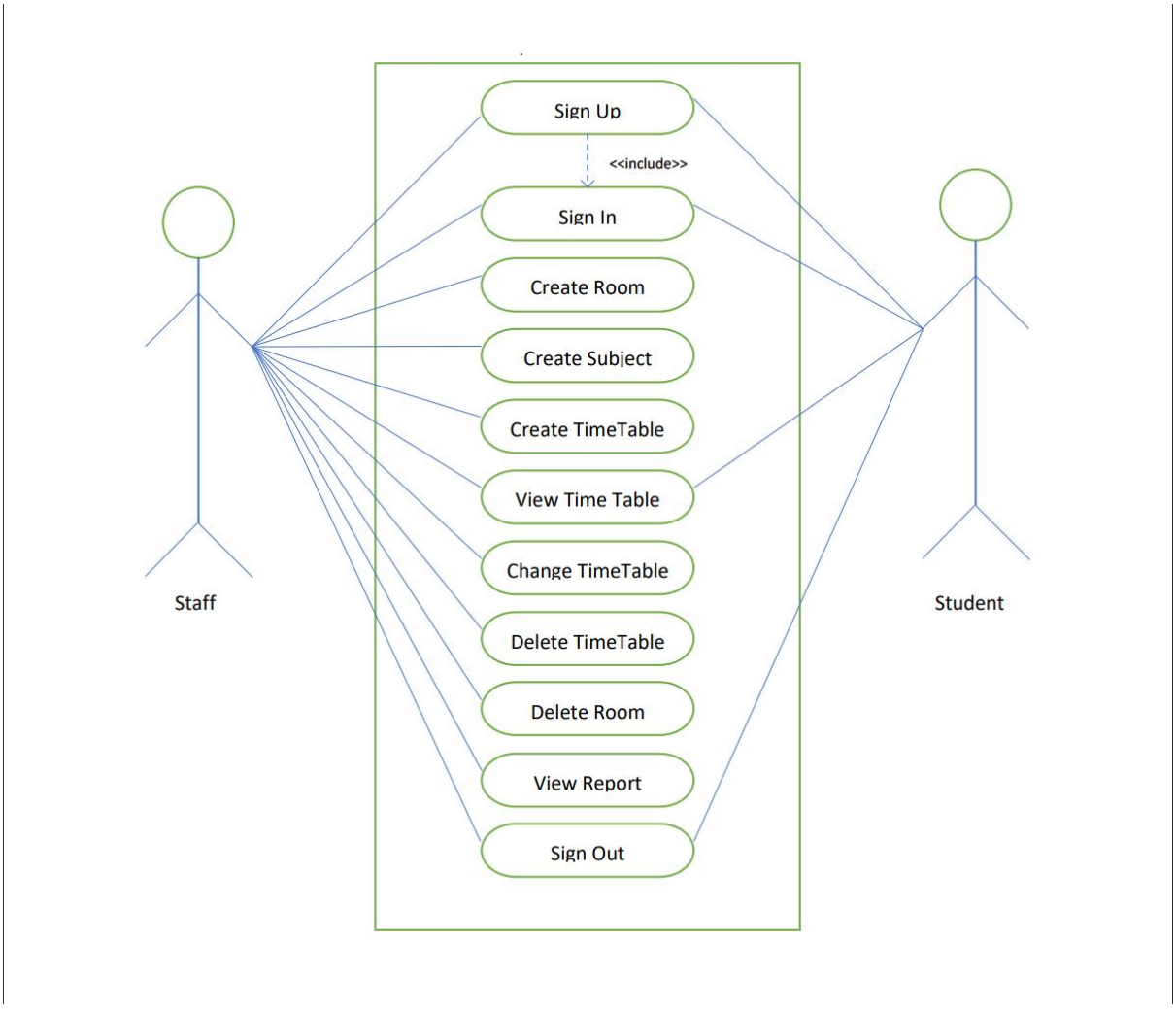
The term "privacy" means many things in different contexts. Different people, cultures, and nations have a wide variety of expectations about how much privacy a person is entitled to or what constitutes an invasion of privacy. Privacy is the ability of an individual or group to seclude themselves or information about themselves and thereby reveal themselves selectively. The boundaries and content of what is considered private differ among cultures and individuals, but share basic common themes. Privacy is sometimes related to anonymity, the wish to remain unnoticed or unidentified in the public realm.

❖ **Safety requirements**

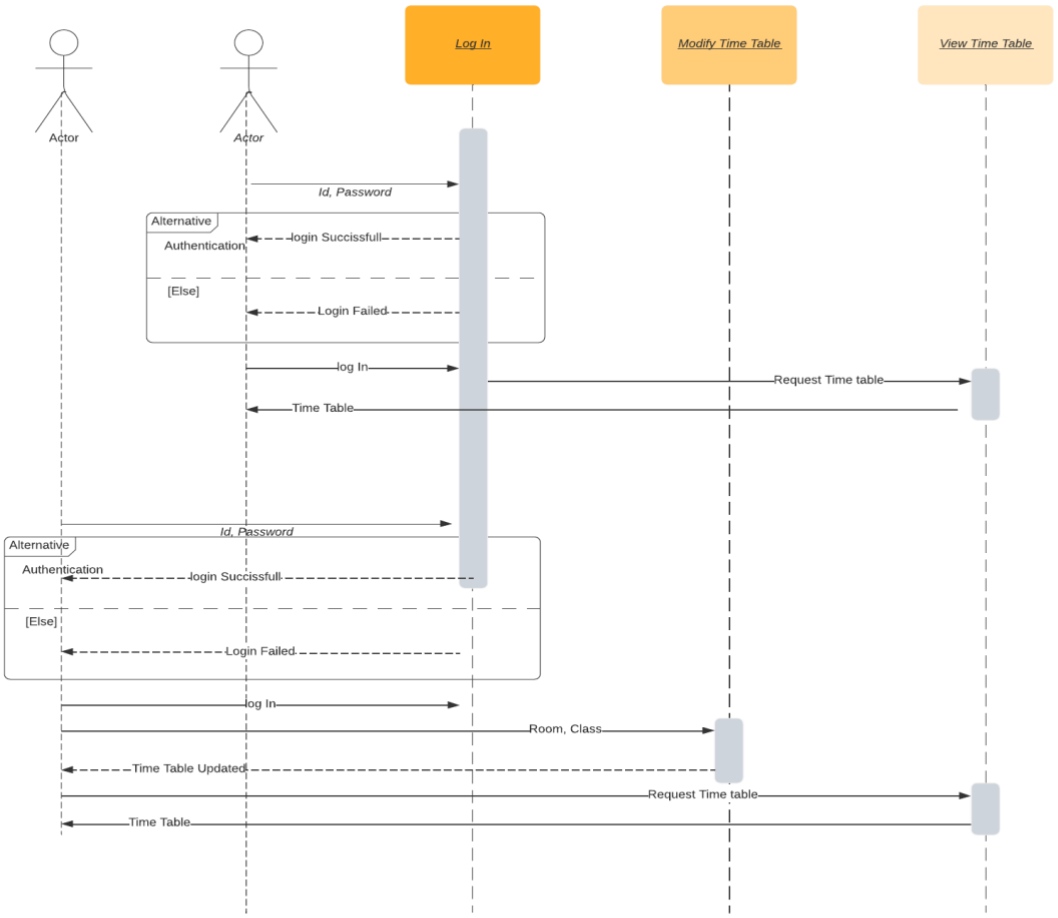
Safety can also be defined to be the control of recognized hazards to achieve an acceptable level of risk. Safety is the state of being "safe", the condition of being protected against physical, social, spiritual, financial, political, emotional, occupational, psychological, educational or other types or consequences of failure, damage, error, accidents, harm or any other event which could be considered non-desirable.

CHAPTER 3: ANALYSIS & DESIGN

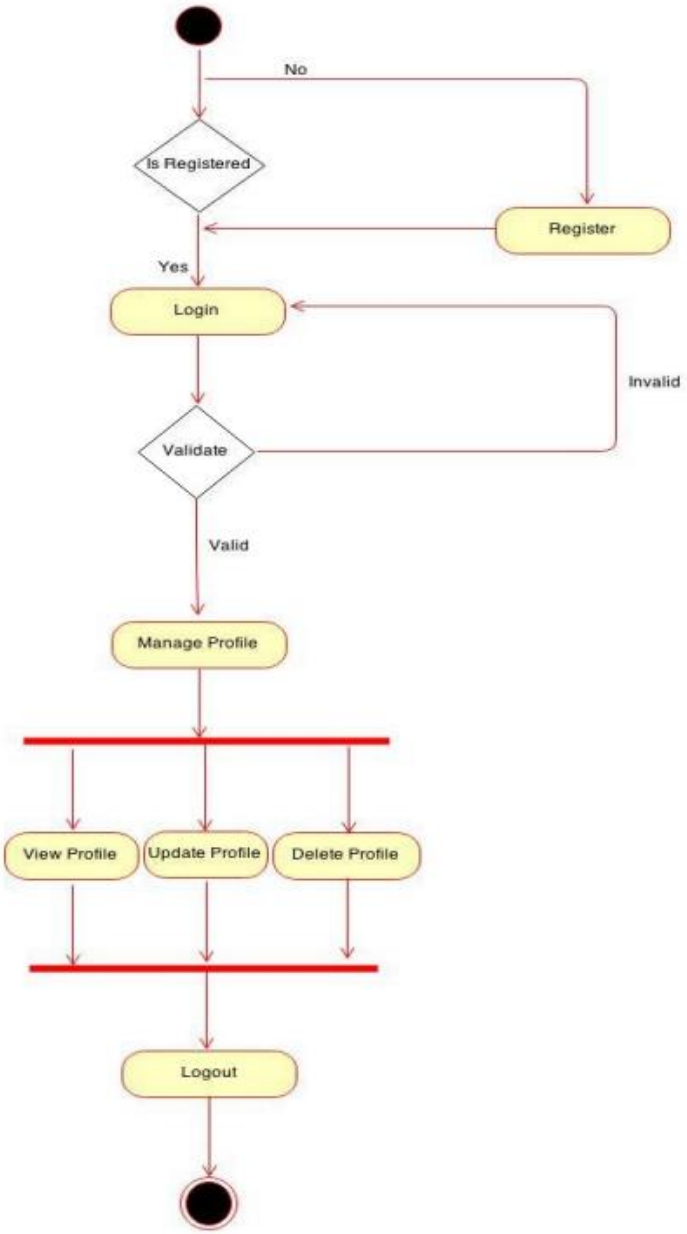
3.1 Use Case Diagram:



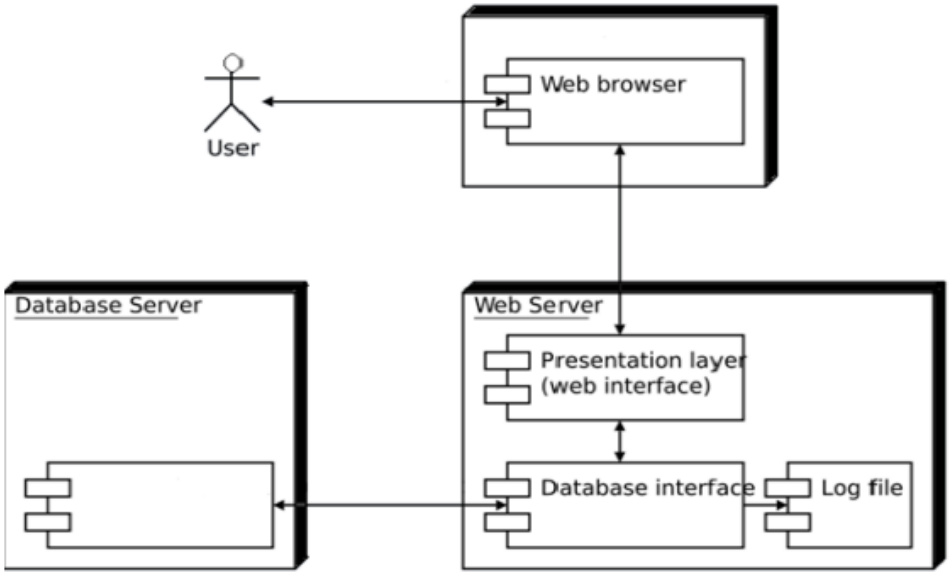
3.2 Sequence Diagram:



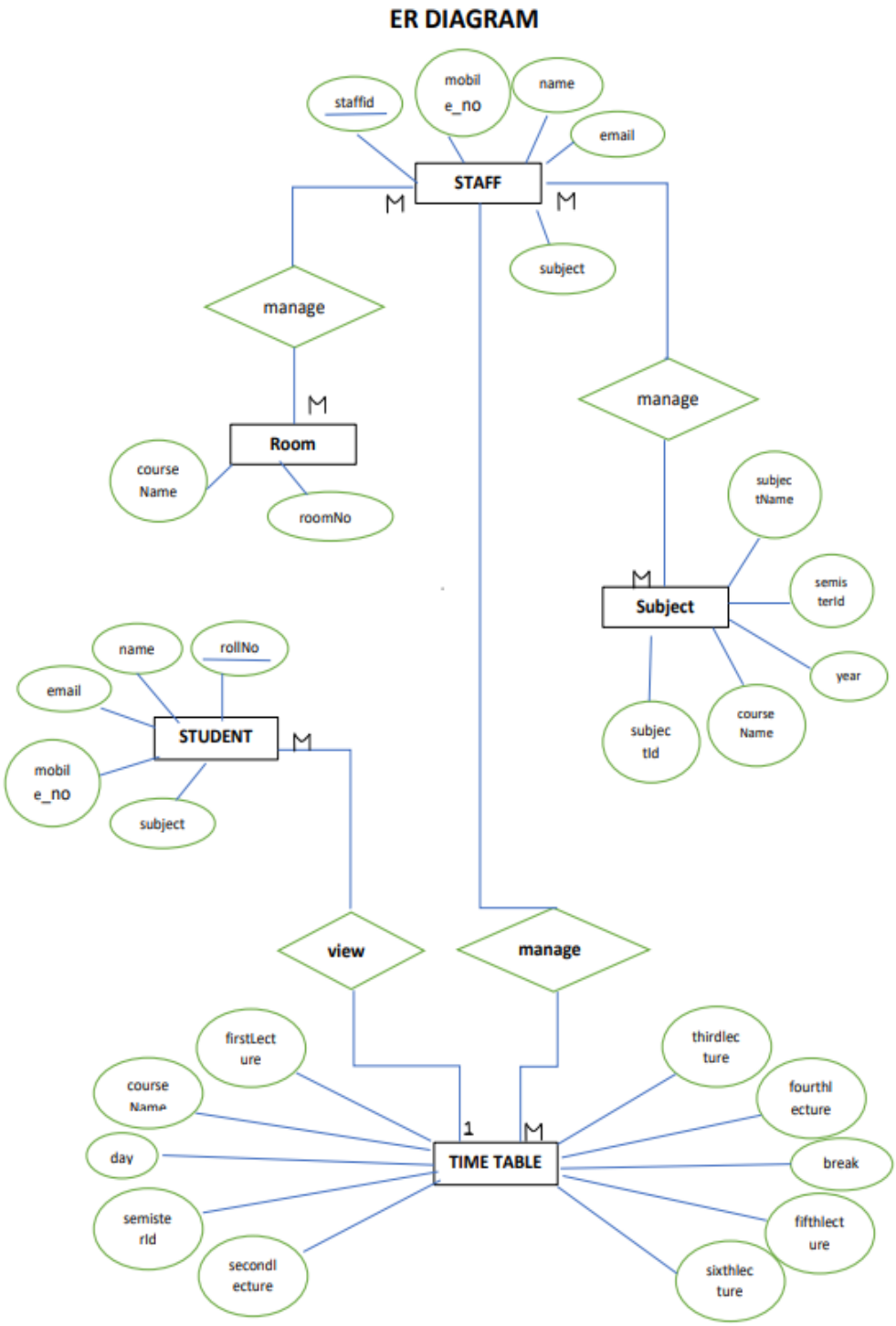
3.3 Activity Diagram:



3.4 Deployment Diagram:

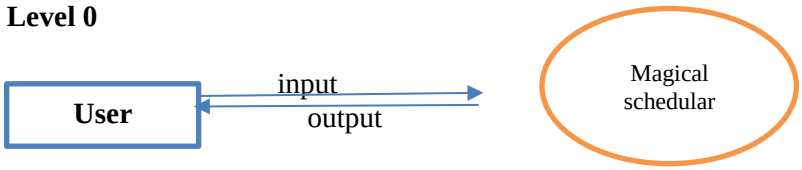


3.5 E – R Diagram:

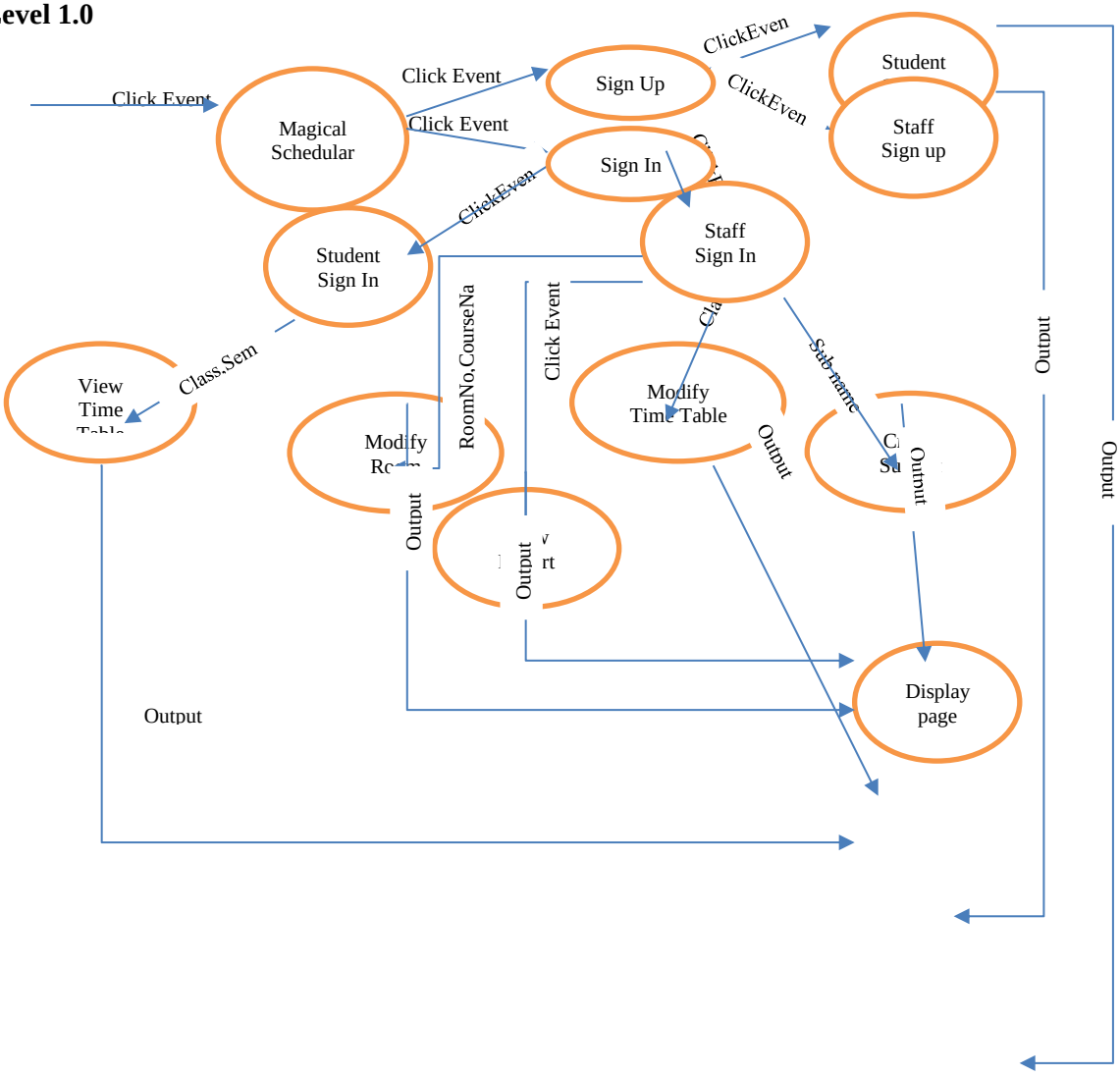


3.6 DFD Diagram:

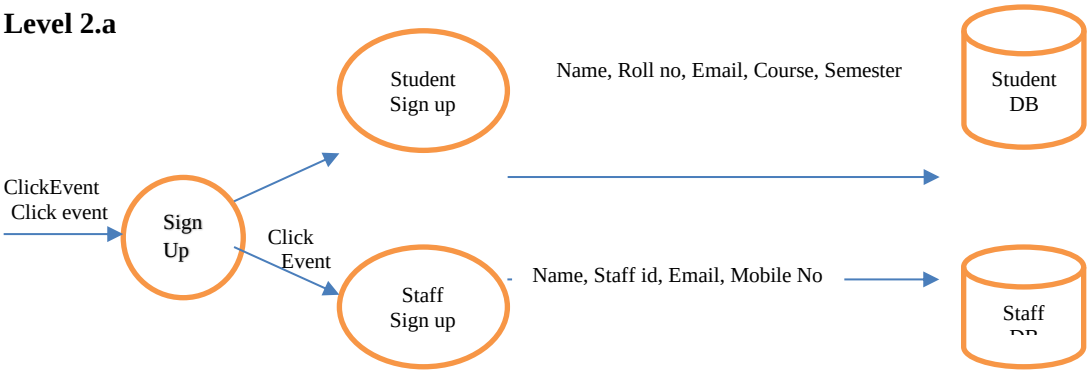
Level 0



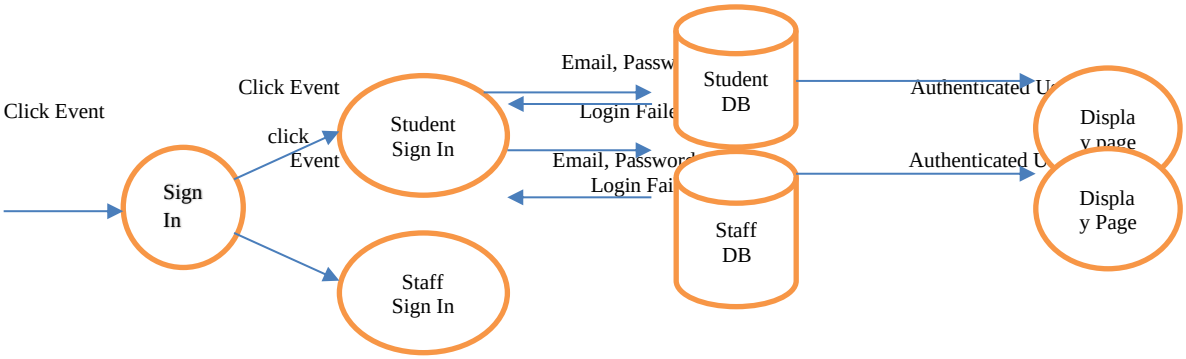
Level 1.0



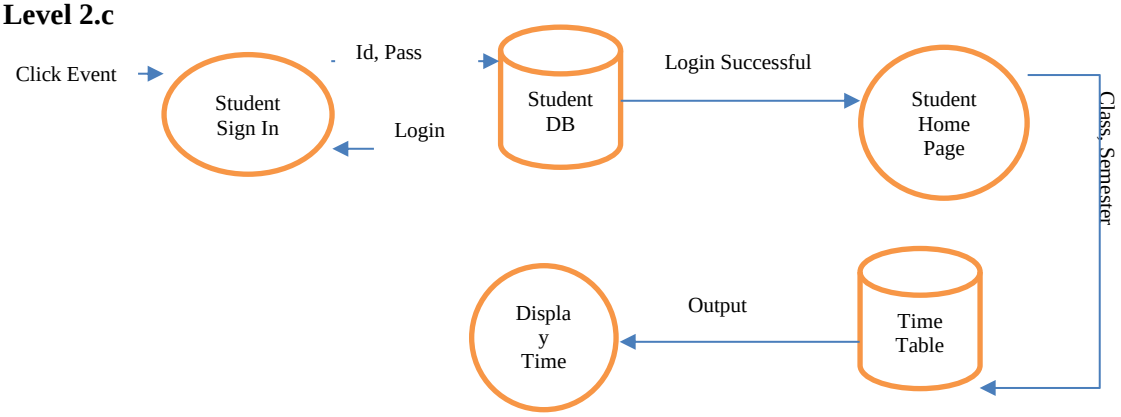
Level 2.a



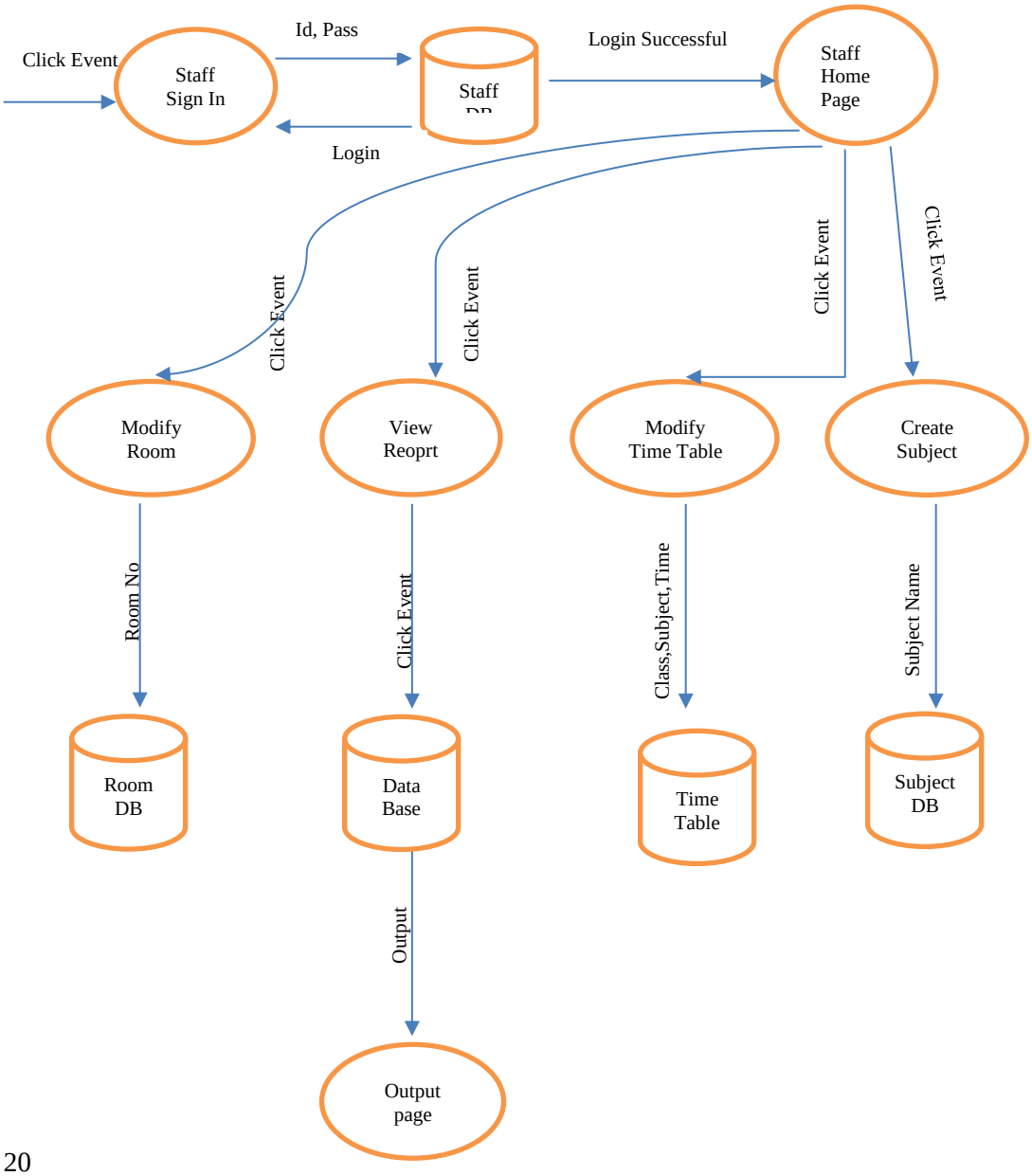
Level 2.b



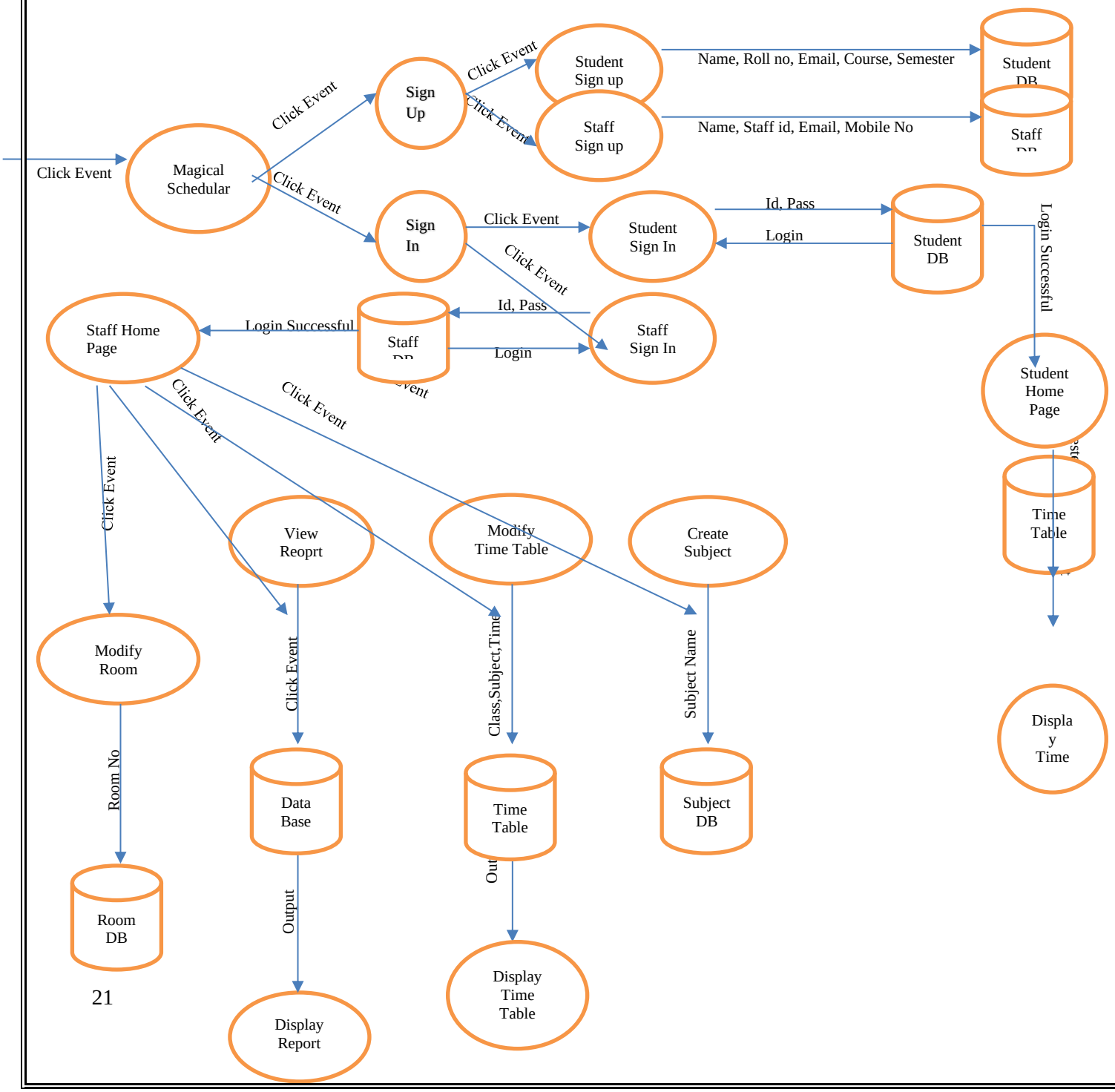
Level 2.c



Level 2.d


Click Event
Staff
Sign In
Id, Pass
Staff
Login Successful
Staff
Home
Page
Login
Click Event
Click Event
Click Event
Click Event
Modify
Room
View
Reoprt
Modify
Time Table
Create
Subject
Room No
Click Event
Class,Subject,Time
Subject Name
Room
DB
Data
Base
Time
Table
Subject
DB
Output
Output
page

Level 3:


Click Event
Magical Schedular
Click Event
Sign Up
Click Event
Student Sign up
Name, Roll no, Email, Course, Semester
Student DB
Click Event
Staff Sign up
Name, Staff id, Email, Mobile No
Staff DB
Click Event
Sign In
Click Event
Student Sign In
Id, Pass
Login
Student DB
Login Successful
Click Event
Staff Sign In
Id, Pass
Login
Staff DB
Login Successful
Staff Home Page
Student Home Page
Time Table
Click Event
Click Event
Click Event
Click Event
Click Event
View Reoprt
Modify Time Table
Create Subject
Modify Room
Room No
Room DB
Click Event
Data Base
Output
Display Report
Class,Subject,Time
Time Table
Out
Display Time Table
Subject Name
Subject DB
Displa y Time

3.7 Table Specifications:

(Master)									
Index: staff									
S.No	**Description**	**Name**	**Type**	**Width**	**Dec**	**Null**	**Reference**	**Rule**	**Default**
1	Staff Name	name	VC	200					
2	Email	email	VC	200					
3	Staff Id	staffed	VC	100				Primary Key	
4	Mobile No.	mobile_no	N	10					
5	Password	password	VC	50					
6	Security Question	securityQuestion	VC	500					
7	Answer	answer	VC	200					
8	Course Name	course_name	VC	200					
9	Semester Id	semester_id	VC	200					
10	Subject	subject	VC	200					
11	Subject Id	subject_id	VC	100					
12	Status	status	VC	20					

(Master)									
Index: student									
S.No	**Description**	**Name**	**Type**	**Width**	**Dec**	**Null**	**Reference**	**Rule**	**Default**
1	Name	name	VC	200					
2	Roll No.	rollno	VC	200				Primary Key	
3	Email	email	VC	100					
4	Mobile No.	mobile_no	N	10					
5	Password	password	VC	50					
6	Security Question	securityQuestion	VC	500					
7	Answer	answer	VC	200					
8	Course Name	course_name	VC	200					
9	Semester Id	semester_id	VC	200					
10	Status	status	VC	20					

(Master)									
Index: timetable									
S.No	**Description**	**Name**	**Type**	**Width**	**Dec**	**Null**	**Reference**	**Rule**	**Default**
1	Course Name	Course	VC	200					
2	Semester Id	semesterId	VC	100					
3	Day	Day	VC	100					
4	First Lecture	firstLecture	VC	200					
5	Second Lecture	secondLecture	VC	200					
6	Third Lecture	thirdLecture	VC	200					
7	Break	break	VC	200					
8	Fourth Lecture	fourthLecture	VC	200					
9	Fifth Lecture	fifthLecture	VC	200					
10	Sixth Lecture	sixthLecture	VC	200					

(Master)									
Index: room									
S.No	**Description**	**Name**	**Type**	**Width**	**Dec**	**Null**	**Reference**	**Rule**	**Default**
1	Course Name	courseName	VC	200					
2	Room Number	roomNo	I	10					

(Master)									
Index: subject									
S.No	**Description**	**Name**	**Type**	**Width**	**Dec**	**Null**	**Reference**	**Rule**	**Default**
1	Subject Id	subjectId	VC	100					
2	Subject Name	subjectName	VC	200					
3	Semester Id	semesterId	VC	100					
4	Year	Year	VC	100					
5	Course Name	secondLecture	VC	200					

3.8 Data Dictionary:

A data dictionary contains metadata i.e data about the database. The data dictionary is very important as it contains information such as what is in the database, who is allowed to access it, where is the database physically stored etc. The users of the database normally don't interact with the data dictionary, it is only handled by the database administrators.

The data dictionary in general contains information about the following −

- Names of all the database tables and their schemas.
- Details about all the tables in the database, such as their owners, their security constraints, when they were created etc.
- Physical information about the tables such as where they are stored and how.
- Table constraints such as primary key attributes, foreign key information etc.
- Information about the database views that are visible.

Active Data Dictionary

If the structure of the database or its specifications change at any point of time, it should be reflected in the data dictionary. This is the responsibility of the database management system in which the data dictionary resides.

So, the data dictionary is automatically updated by the database management system when any changes are made in the database. This is known as an active data dictionary as it is self updating.

Passive Data Dictionary

This is not as useful or easy to handle as an active data dictionary. A passive data dictionary is maintained separately to the database whose contents are stored in the dictionary. That means that if the database is modified the database dictionary is not automatically updated as in the case of Active Data Dictionary.

So, the passive data dictionary has to be manually updated to match the database. This

needs careful handling or else the database and data dictionary are out of sync.

3.9 Test Procedures and Implementation

Test procedure

The software testing is the critical element of software quality assurance and represents the ultimate review of the software design and coding. The main objective of the testing is to find an error and to uncover the errors that are not yet discovered.

The increasing visibility of software as a system element and the attendant cost associated with a software failure and motivating forces for well planned, through testing. It is no unusual for a software development organization to expand between 30% to 40% of project effort on testing. In the extreme, testing of human related software can cost 3-5 time as much as all other software engineering activities combined. the testing phase involves the testing of the system using various test data, preparation of the test data plays a vital role in the system testing after preparing the test data, error where found and corrected by using the following the testing steps and correction are recorded for future reference. Thus a series of testing is performed on the system before it is ready for implementation.

After completion of system analysis, design and coding through testing of the system

was carried out in a systematic approach, the main objectives of the system are

➢ To ensure that the operations of the system will perform as per the specification.

➢ To make sure that the system meets the user requirement during the operations.

➢ To cross check the when correct input are filled into the system output are correct.

➢ To make sure that during the operation incorrect inputs and the outputs will be detected.

In testing process the number of strategies have been used as mentioned below,

• Unit Testing

• Integration Testing

• Validation Testing

• Black Box Testing

• User acceptance Testing

Unit Testing

Unit testing focuses verification efforts on the smallest unit of the software design.

Using the system test plan, prepare in the design phase of the system development as guide,

important control path are tested to uncover error within boundary of the module. The interface of

each of the module was tested to ensure proper flow of information into and out of the module

under consideration. Each module will be tested individually so as to make the individual

component error free. Also other attached modules will be error free.

Integration Testing:

Each module will be tested of its effect on other module by integrating the modules.

This will remove further errors from the system and may also result in some changes in the

individual module.

Validation Testing

At the culmination of the integration testing the software was completely assembled

as package, interfaces have been uncovered, and a final series of software validation testing began.

Here we test the system function manner that can be reasonably by the customer ,the system was

tested against system requirement specification.

Black Box Testing:

After performing validation testing, the next phase is output test of the system,

since no system code is useful if it does not produce the desired output in desired format. By

considering the format of the report/output, report/output is generated or displayed and tested.

User Acceptance Testing:

User acceptance testing is used to determine the whether the software is fit for

the user to use. The System under consideration was listed for user acceptance by keeping constant

touch with the prospective user of the system at the time of design, development and making

change whenever required.

Test Case:

Title: Test case for Login.

Objective: To check that user properly logged in.

Test Case Id	Test Type	Test Case Name	Steps to be Followed	Expected Result	Actual Result	Status	Priority
1	The application should be installed properly & Accessible.	Test case for Login	1.Enter Username 2.Enter password 3.Click Login Button	It Shows Main MDI Form	It Shows Main MDI Form	Pass	2
2			1. Enter username 2.Click Login Button	Set Focus on password field	Set Focus on password field	Pass	
3.			1.enter password 2.click Login Button	Set Focus on username field	Set Focus on username field	Pass	

Title: Test case for user Registration.

Objective: To check that how new user properly added

Test Case ID	Test Type	Test Case Name	Steps to be followed	Expected result	Actual result	Status	Priority
1.	The application should be installed properly & accessible	Test case for registration	1.Enter Username 2.Enter Roll.no 3.Enter Email id 4.Enter password 5.Confirm Password 6.Security question	It shows fields are compulsory message.	It shows fields are compulsory message.	Pass	2
2.			1.Enter security answer	It shows enter proper characters	It shows enter proper characters	Pass	
3.			1.Enter course name 2.Enter semester id	It shows enter valid course name and semester id	It shows enter valid course name and semester id	Pass	

CHAPTER 4: PROPOSED ENHANCEMENT

Timetable Scheduling is a unanimous requirement for planning class timings in school. The system can be deployed to schedule a new class, cancel an existing class, and making other changes to a timetable. It is simple and saves time and energy. In future this is modified and some extra features can be added to it.

Such types of applications can be developed in future for scheduling university timetable, office timetable etc.

CHAPTER 5: CONCLUSION

- There are different types of time table games, vacant, co-curricular and home work.
- It is very important and crucial.
- It helps to designed whole day and yearly activity.
- Initial point and gives path to students and teachers.
- Enhanced and planned learning.

CHAPTER 6: BIBLIOGRAPHY

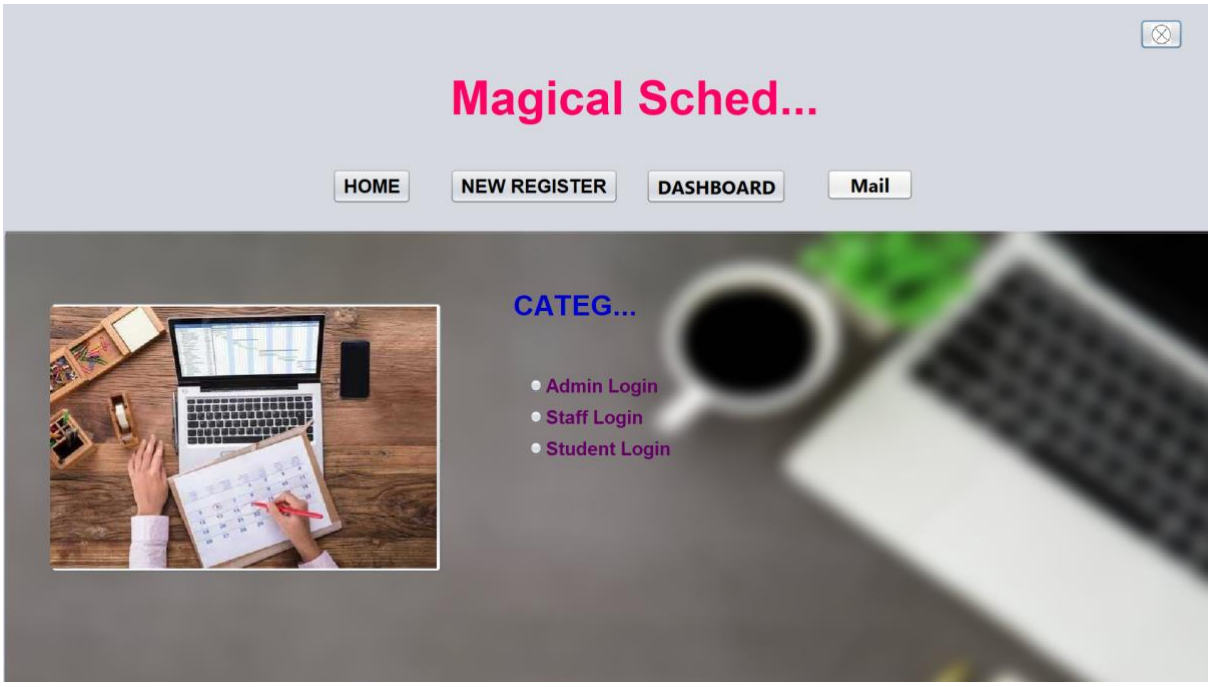
- The online Java tutorial
- Java complete reference.
- My SQL tutorial.

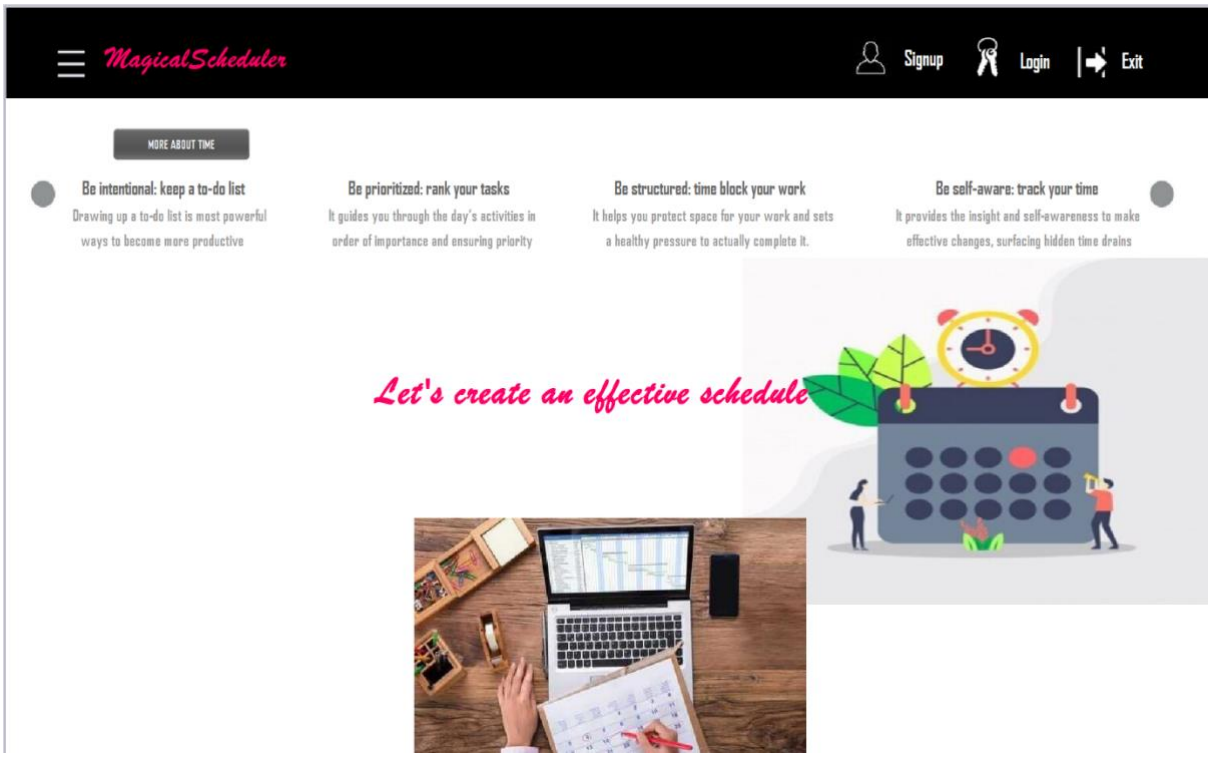
References:

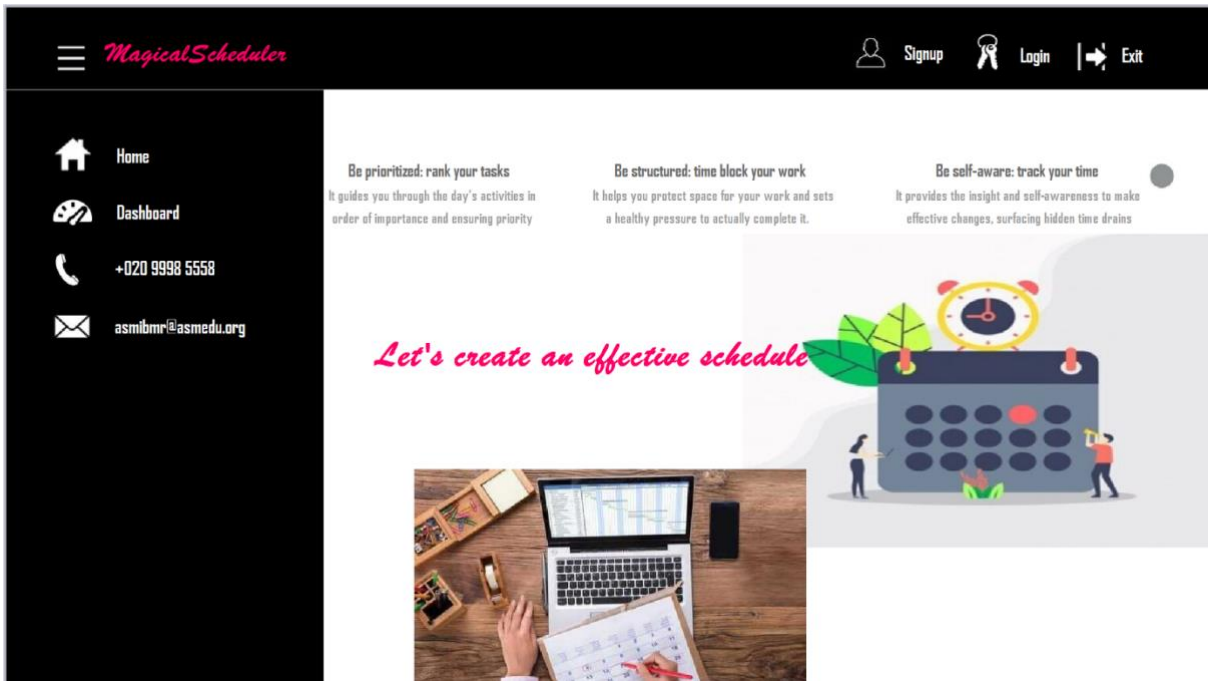
www.google.com
www.wikipedia.com
www.javatutorialspoint.com

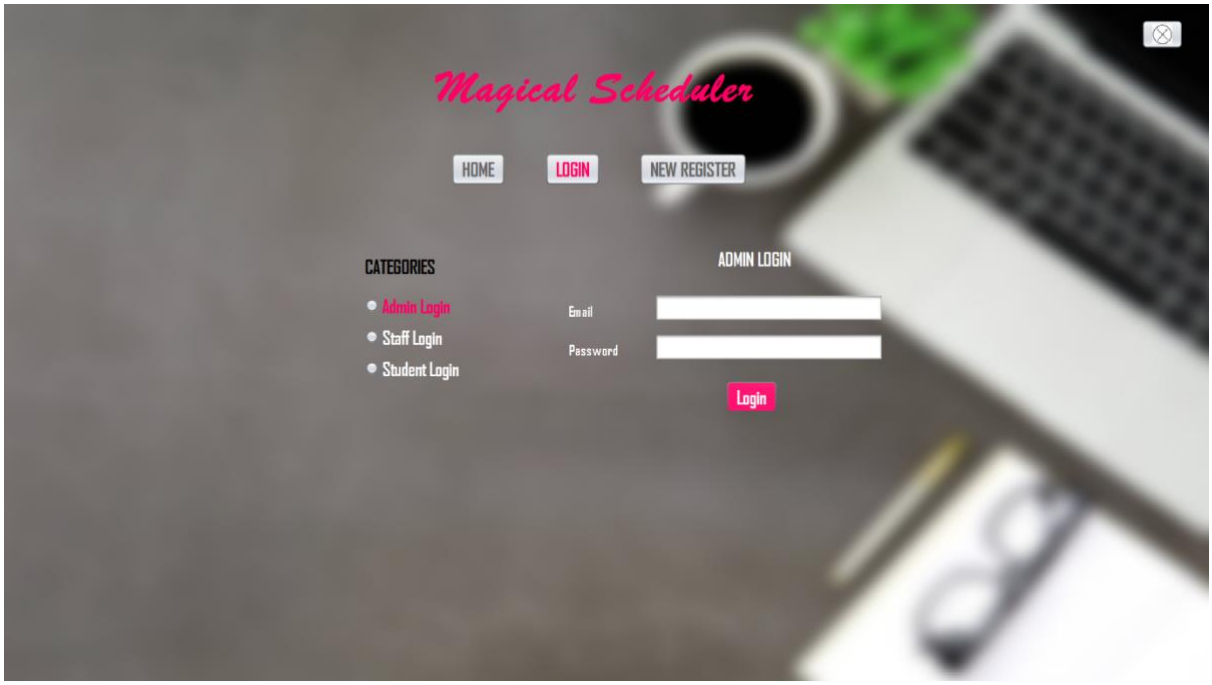
CHAPTER 7: ANNEXURES

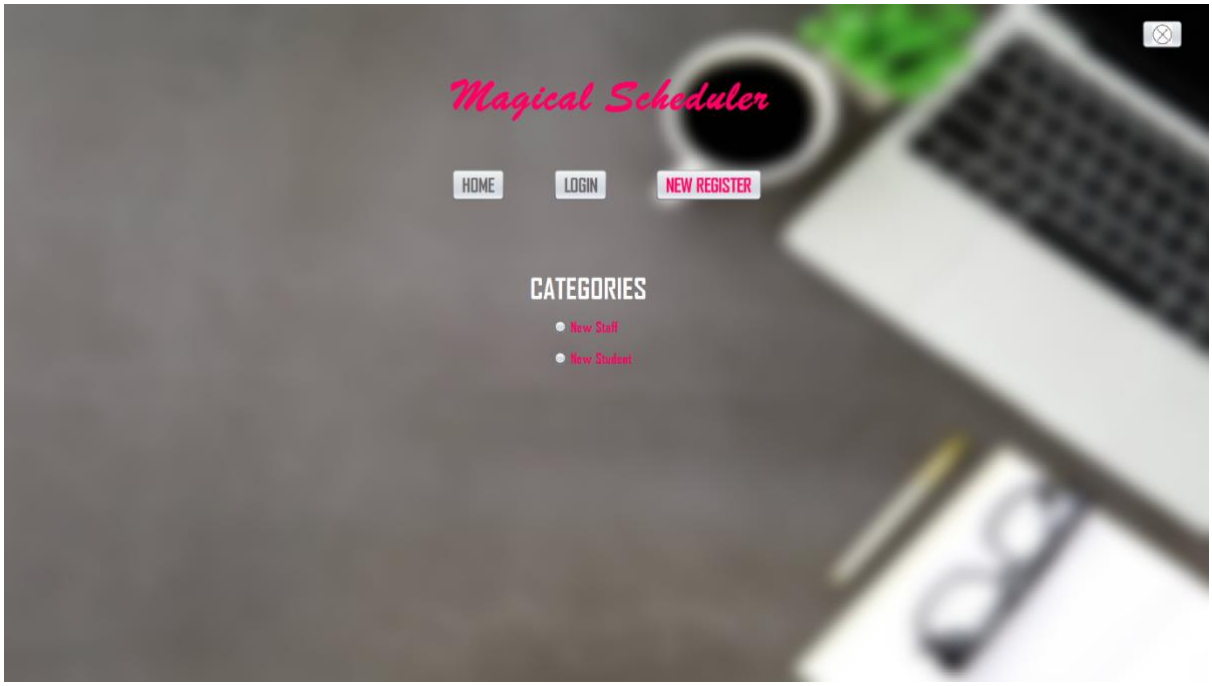
A1 – User Interface Screens:

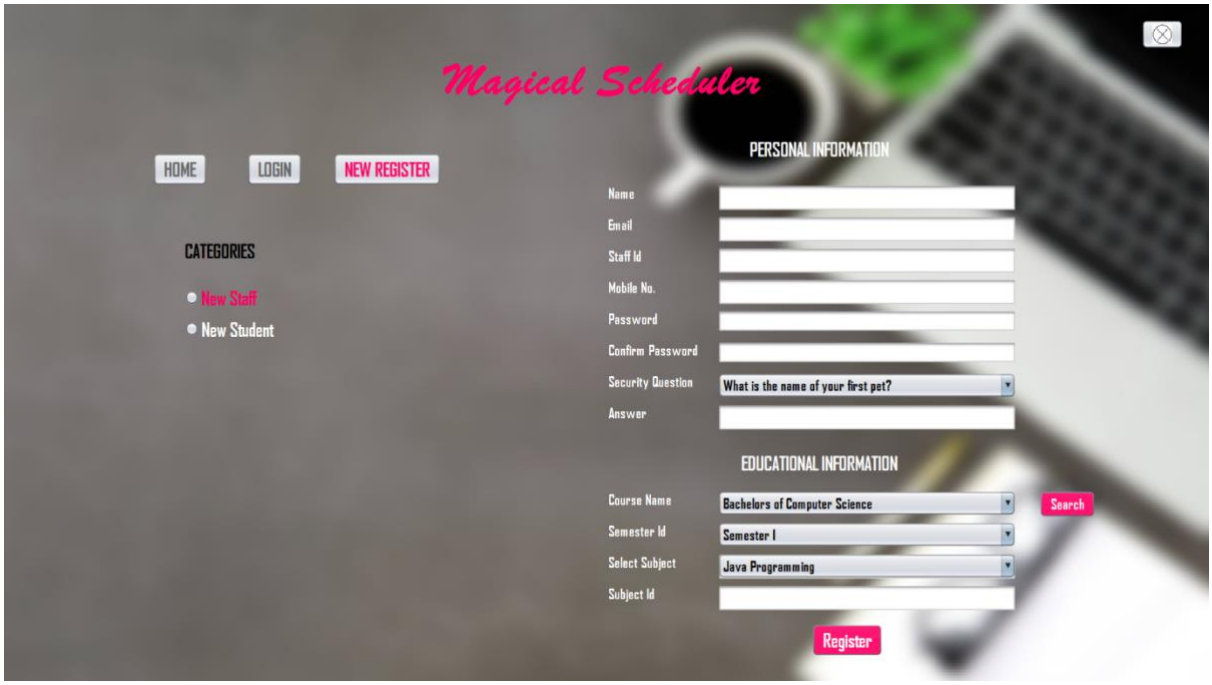


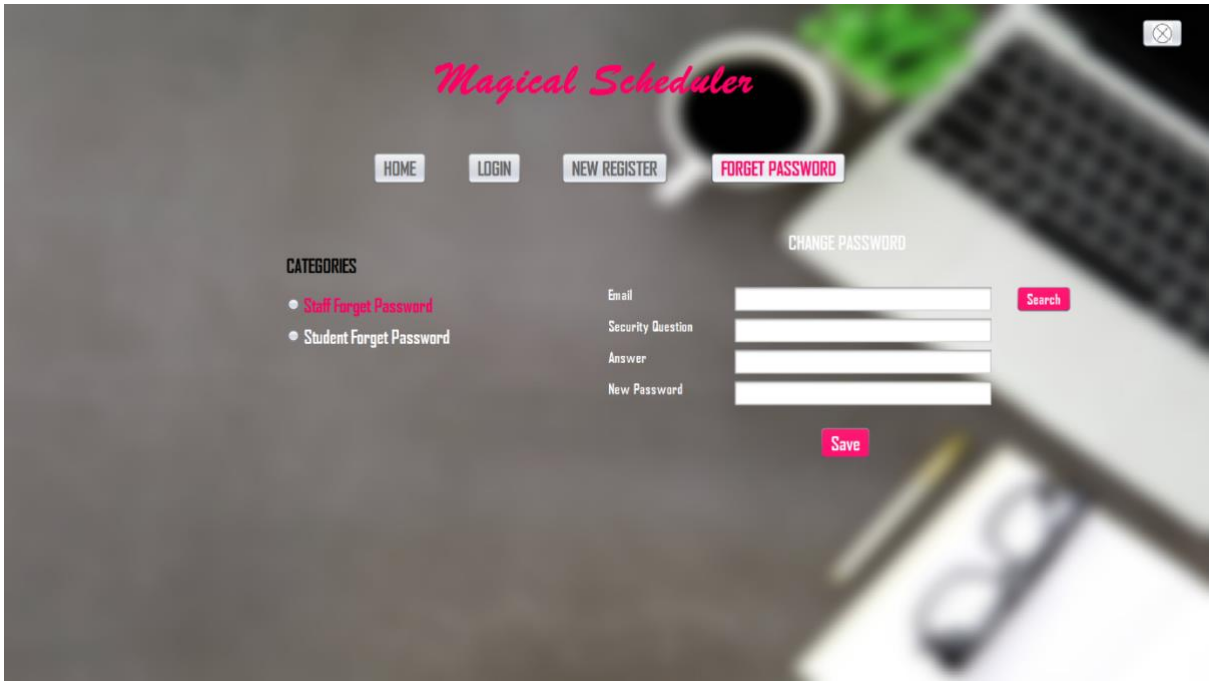

MagicalScheduler
Signup
Login
Exit
MORE ABOUT TIME
Be intentional: keep a to-do list
Drawing up a to-do list is most powerful ways to become more productive
Be prioritized: rank your tasks
It guides you through the day's activities in order of importance and ensuring priority
Be structured: time block your work
It helps you protect space for your work and sets a healthy pressure to actually complete it.
Be self-aware: track your time
It provides the insight and self-awareness to make effective changes, surfacing hidden time drains
Let's create an effective schedule

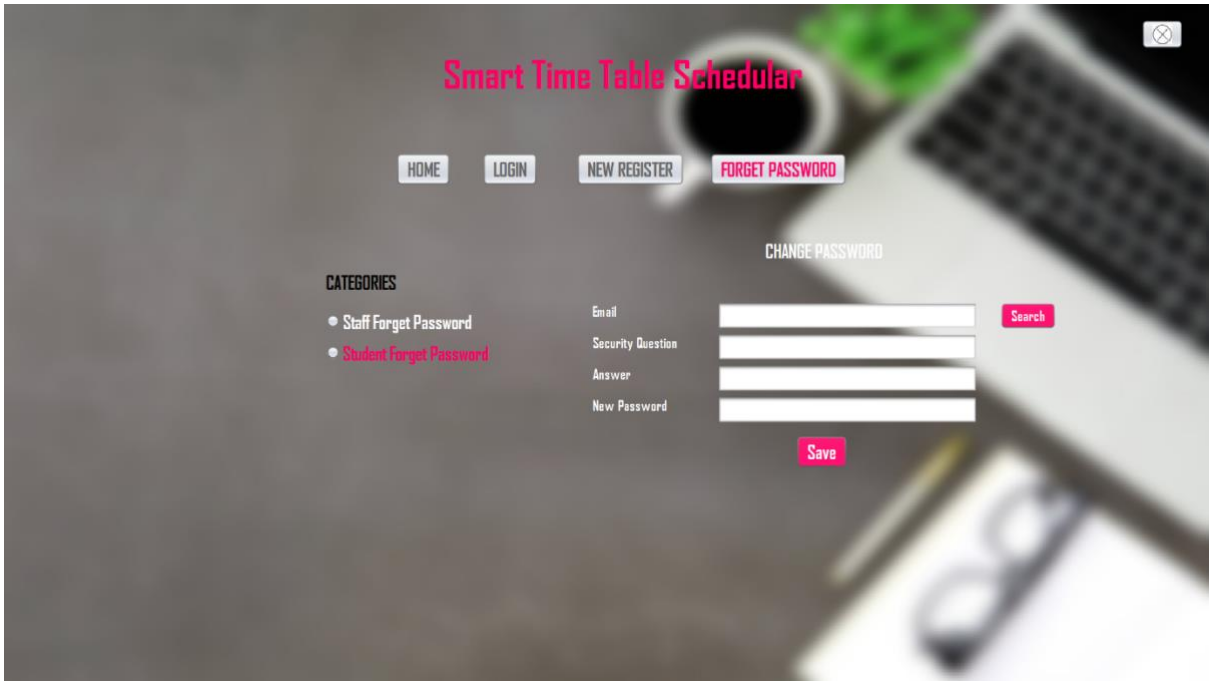

MagicalScheduler
Signup
Login
Exit
Home
Dashboard
+020 9998 5558
asmlbmr@asmedu.org
Be prioritized: rank your tasks
It guides you through the day's activities in order of importance and ensuring priority
Be structured: time block your work
It helps you protect space for your work and sets a healthy pressure to actually complete it.
Be self-aware: track your time
It provides the insight and self-awareness to make effective changes, surfacing hidden time drains
Let's create an effective schedule

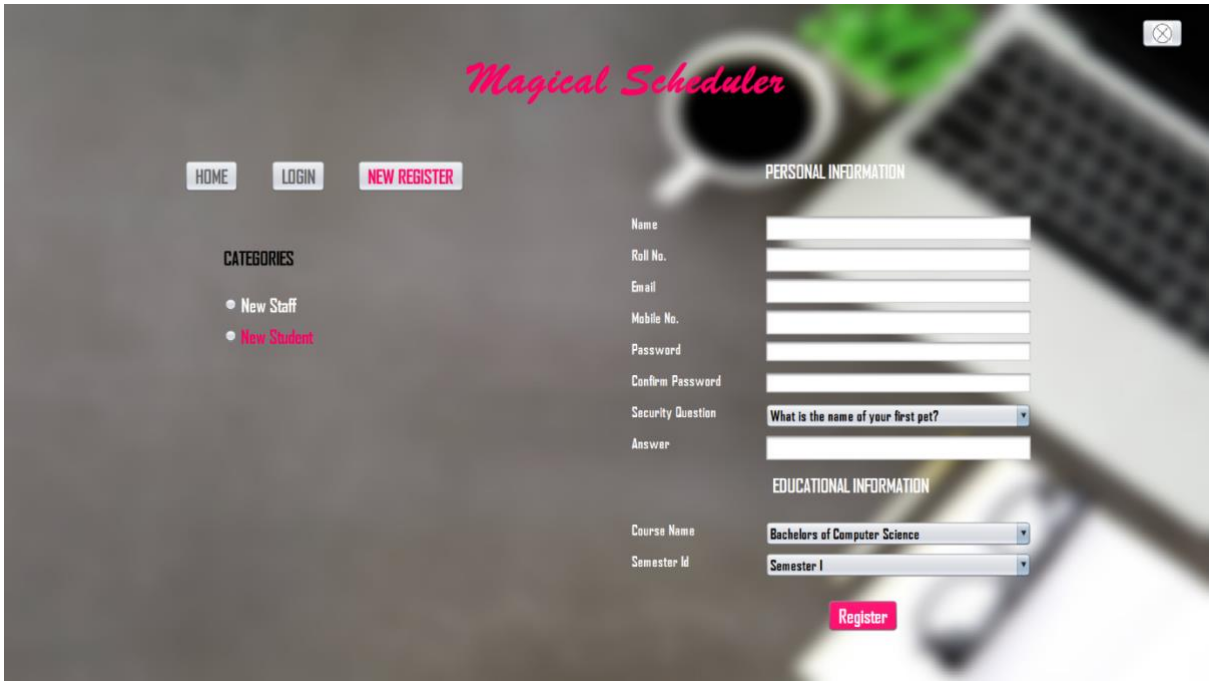

Magical Scheduler
HOME
LOGIN
NEW REGISTER
CATEGORIES
Admin Login
Staff Login
Student Login
ADMIN LOGIN
Email
Password
Login

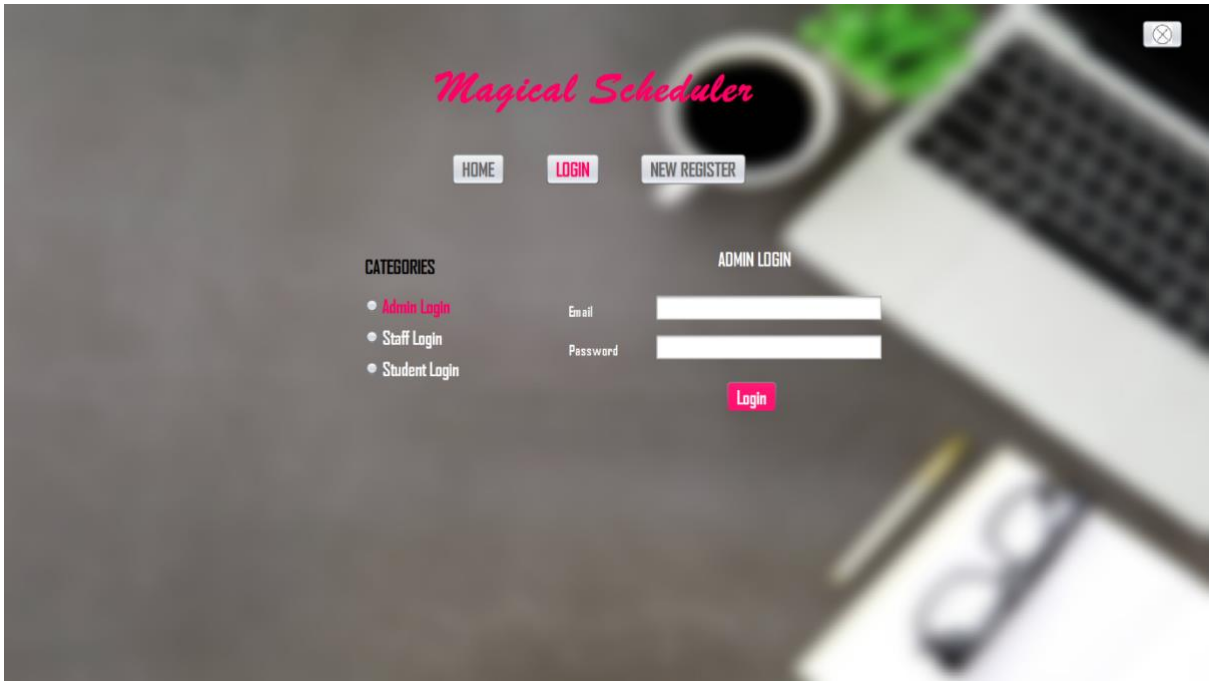

Magical Scheduler
HOME
LOGIN
NEW REGISTER
CATEGORIES
New Staff
New Student

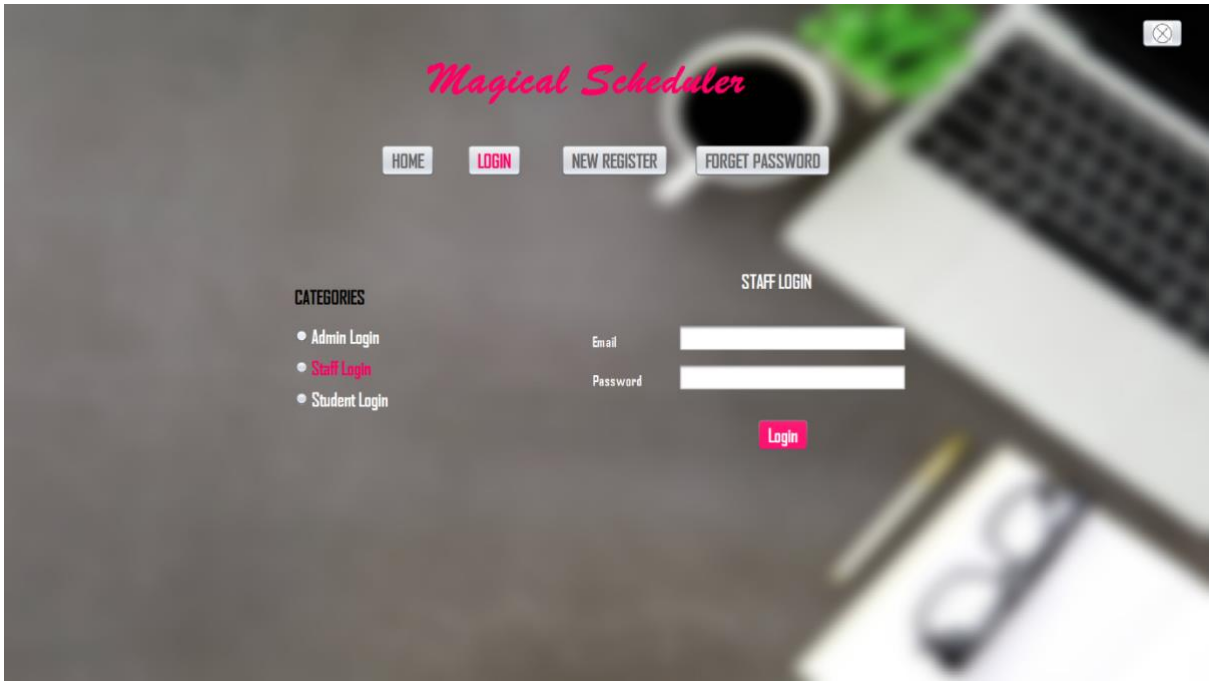

Magical Scheduler
HOME
LOGIN
NEW REGISTER
CATEGORIES
New Staff
New Student
PERSONAL INFORMATION
Name
Email
Staff Id
Mobile No.
Password
Confirm Password
Security Question
What is the name of your first pet?
Answer
EDUCATIONAL INFORMATION
Course Name
Bachelors of Computer Science
Search
Semester Id
Semester I
Select Subject
Java Programming
Subject Id
Register

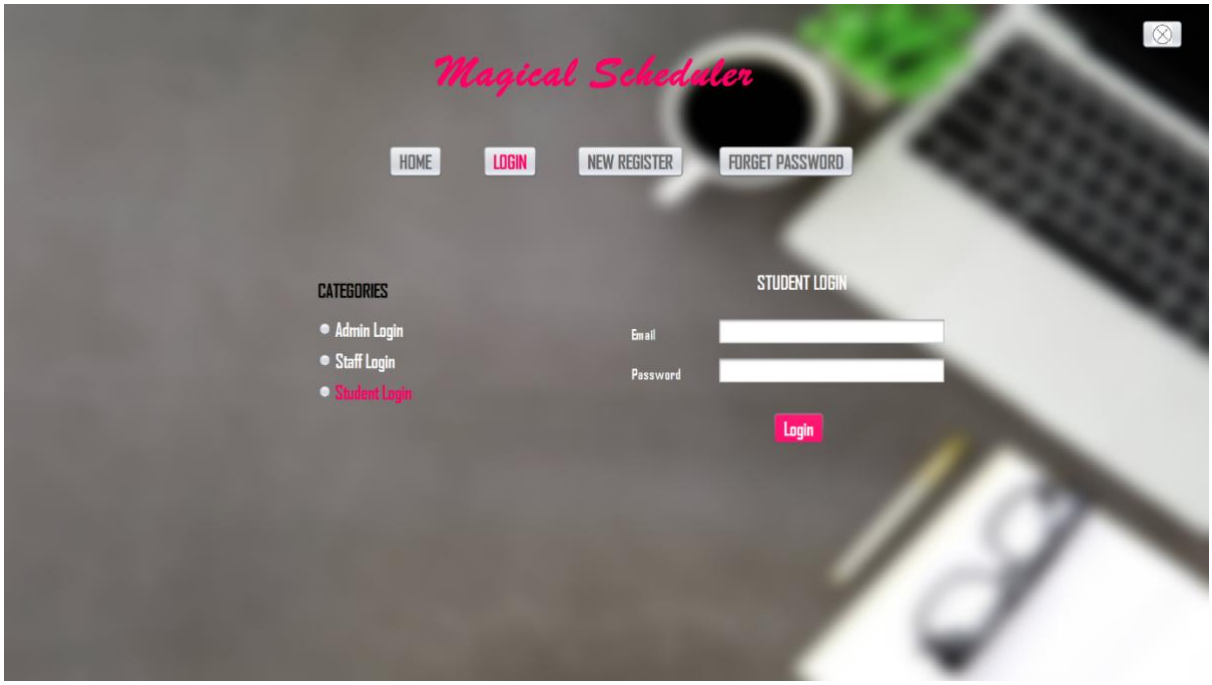

Magical Scheduler
HOME
LOGIN
NEW REGISTER
FORGET PASSWORD
CHANGE PASSWORD
CATEGORIES
Staff Forget Password
Student Forget Password
Email
Search
Security Question
Answer
New Password
Save

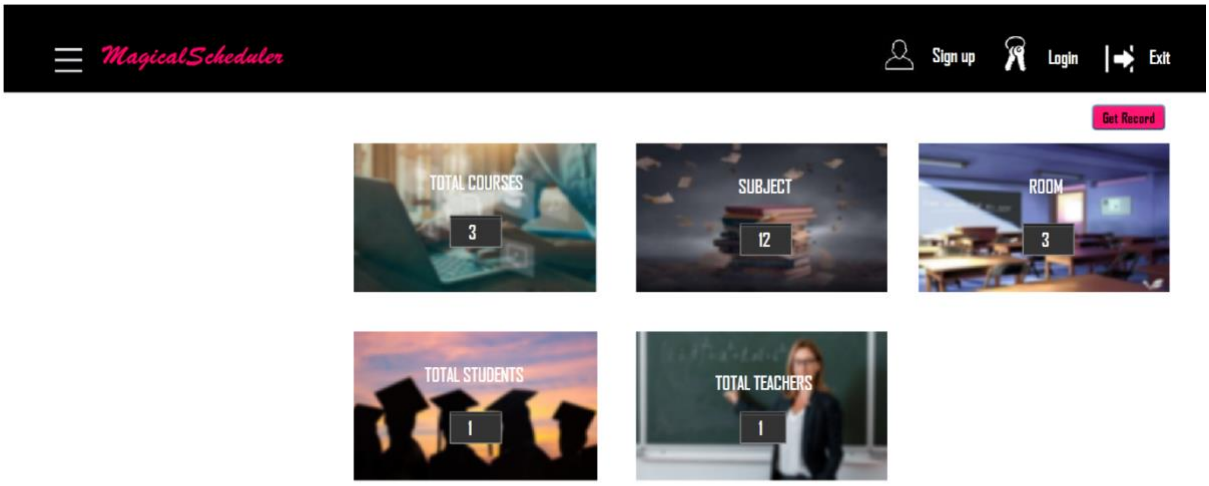

Smart Time Table Schedular
HOME
LOGIN
NEW REGISTER
FORGET PASSWORD
CHANGE PASSWORD
CATEGORIES
Staff Forget Password
Student Forget Password
Email
Search
Security Question
Answer
New Password
Save


Magical Scheduler
HOME
LOGIN
NEW REGISTER
PERSONAL INFORMATION
CATEGORIES
New Staff
New Student
Name
Roll No.
Email
Mobile No.
Password
Confirm Password
Security Question
What is the name of your first pet?
Answer
EDUCATIONAL INFORMATION
Course Name
Bachelors of Computer Science
Semester Id
Semester I
Register

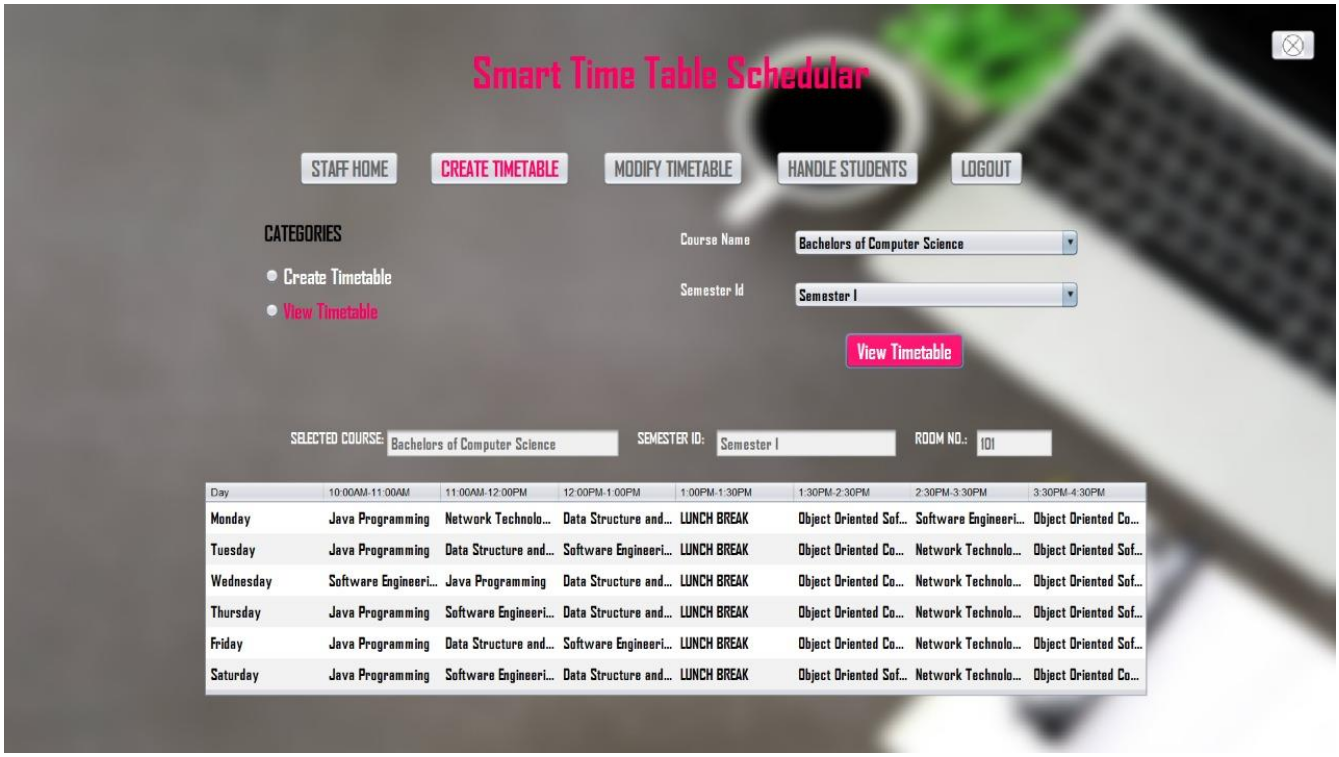

Magical Scheduler
HOME
LOGIN
NEW REGISTER
CATEGORIES
Admin Login
Staff Login
Student Login
ADMIN LOGIN
Email
Password
Login

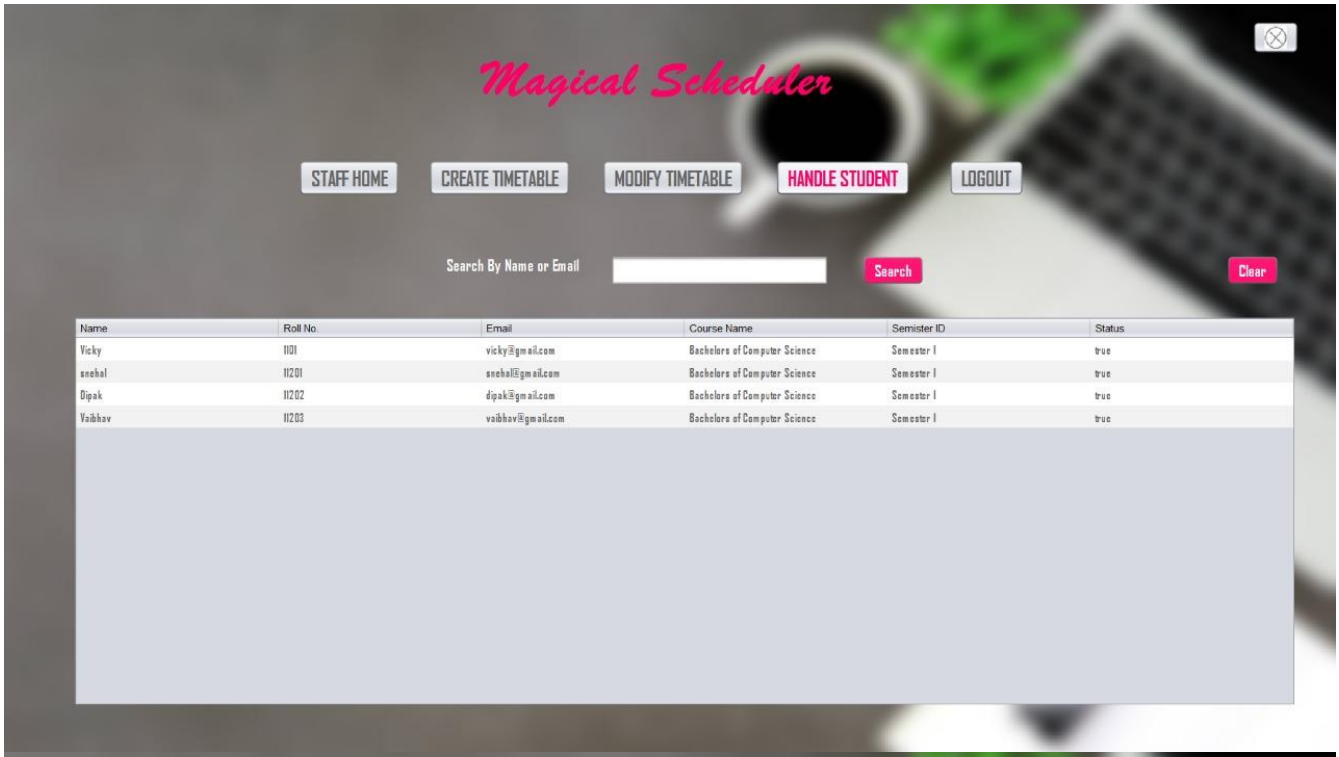

Magical Scheduler
HOME
LOGIN
NEW REGISTER
FORGET PASSWORD
CATEGORIES
Admin Login
Staff Login
Student Login
STAFF LOGIN
Email
Password
Login

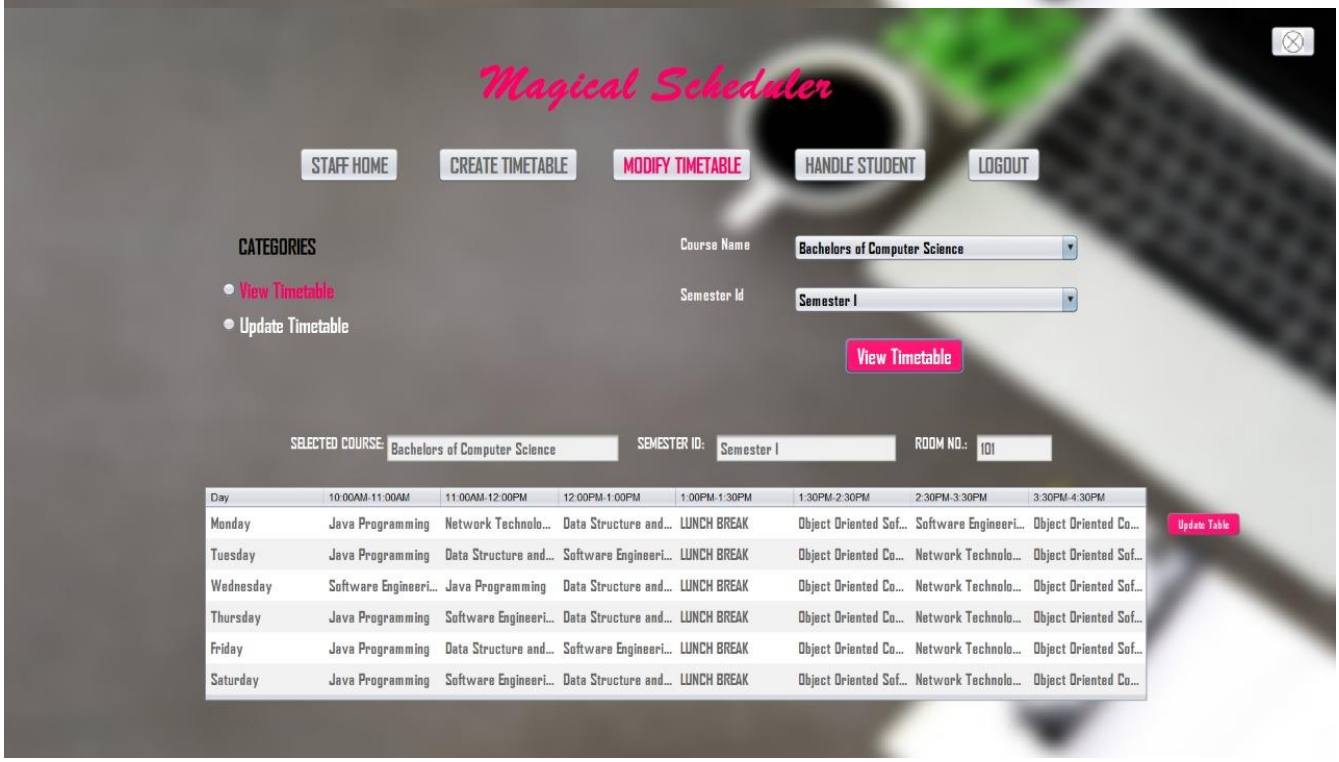

Magical Scheduler
HOME
LOGIN
NEW REGISTER
FORGET PASSWORD
CATEGORIES
Admin Login
Staff Login
Student Login
STUDENT LOGIN
Email
Password
Login

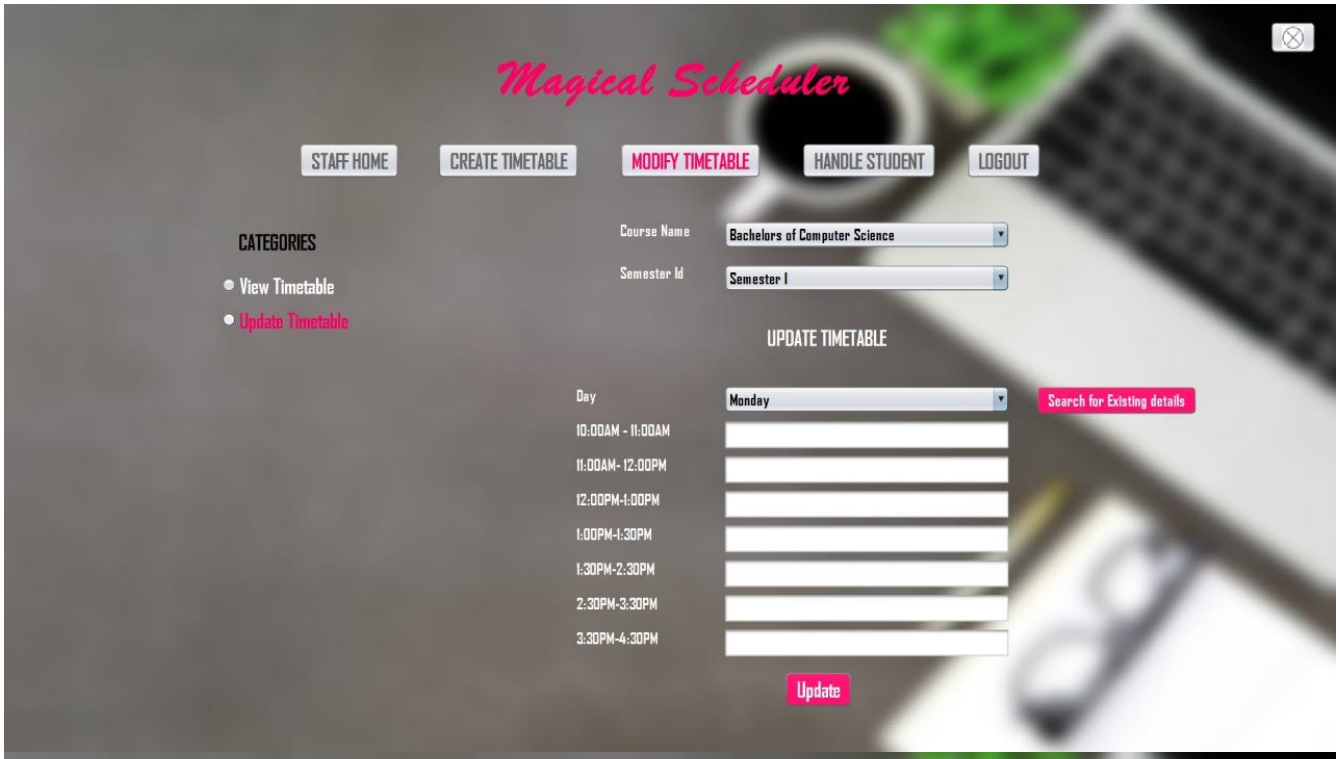

MagicalScheduler
Sign up
Login
Exit
Get Record
TOTAL COURSES
3
SUBJECT
12
ROOM
3
TOTAL STUDENTS
1
TOTAL TEACHERS
1

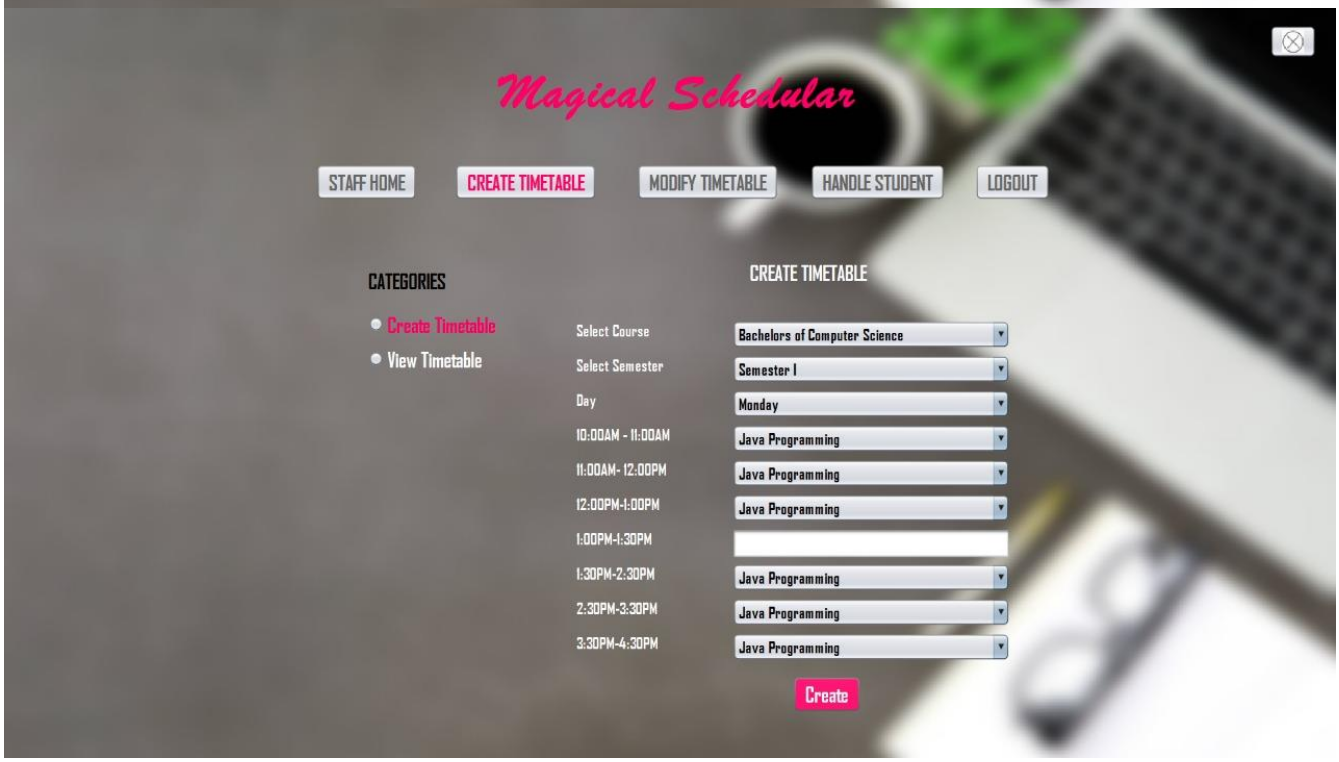
A2 – Output Screens:

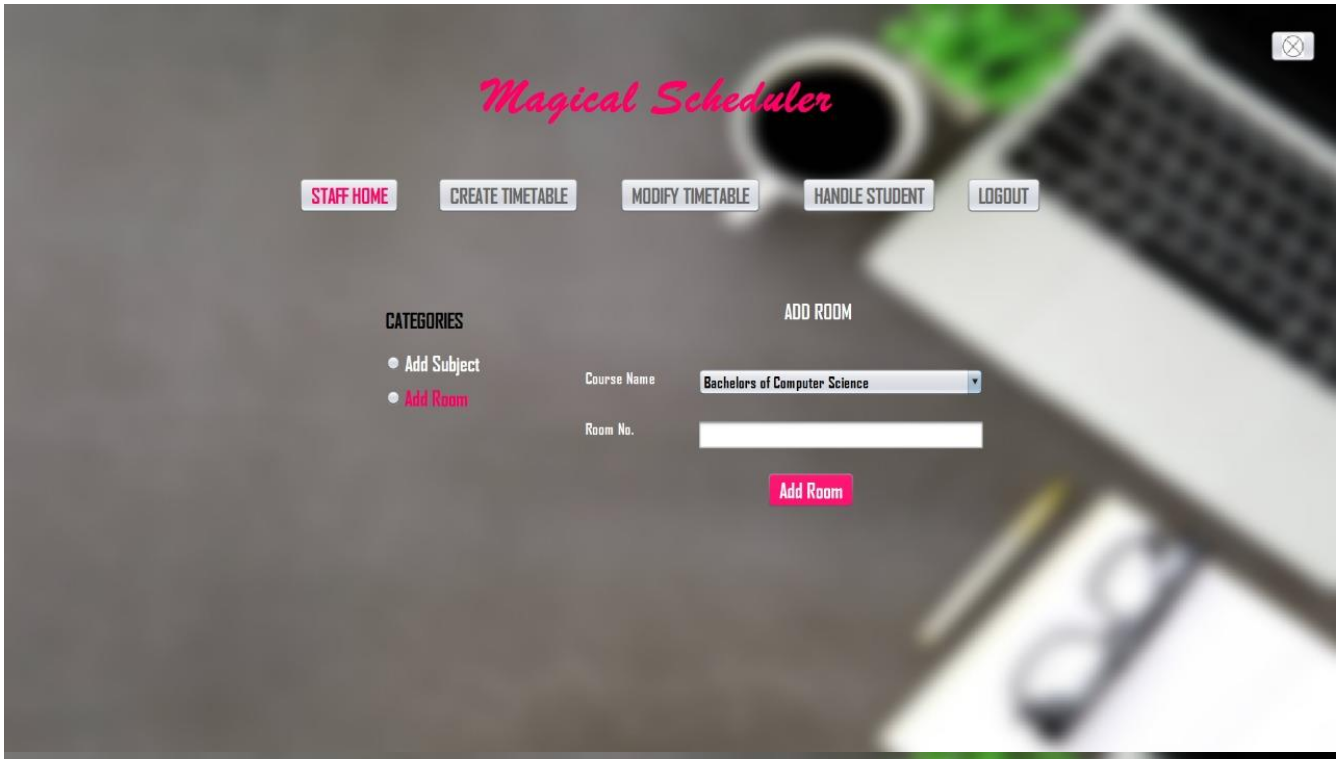


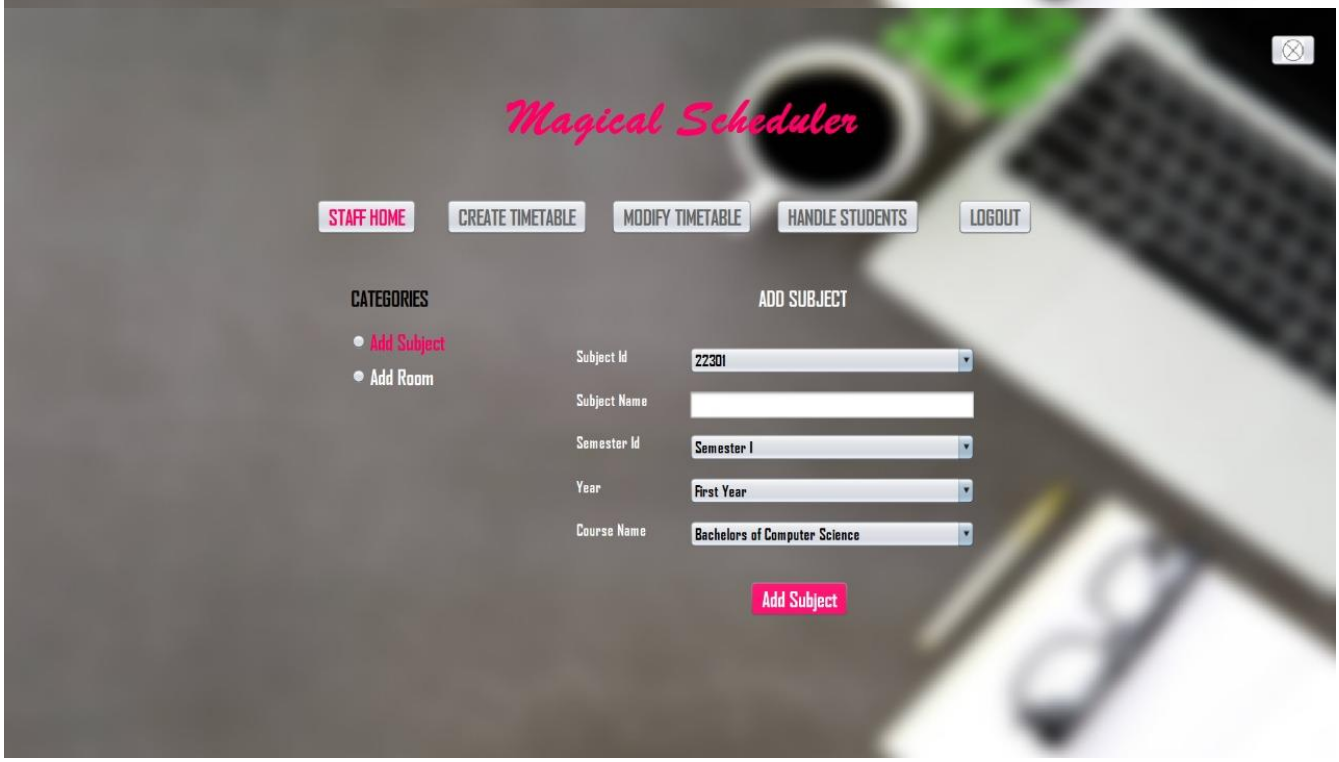

Magical Scheduler
STAFF HOME
CREATE TIMETABLE
MODIFY TIMETABLE
HANDLE STUDENT
LOGOUT
Search By Name or Email
Search
Clear
Name
Roll No.
Email
Course Name
Semister ID
Status
Vicky
1101
vicky@gmail.com
Bachelors of Computer Science
Semester I
true
snehal
11201
snehal@gmail.com
Bachelors of Computer Science
Semester I
true
Dipak
11202
dipak@gmail.com
Bachelors of Computer Science
Semester I
true
Vaibhav
11203
vaibhav@gmail.com
Bachelors of Computer Science
Semester I
true

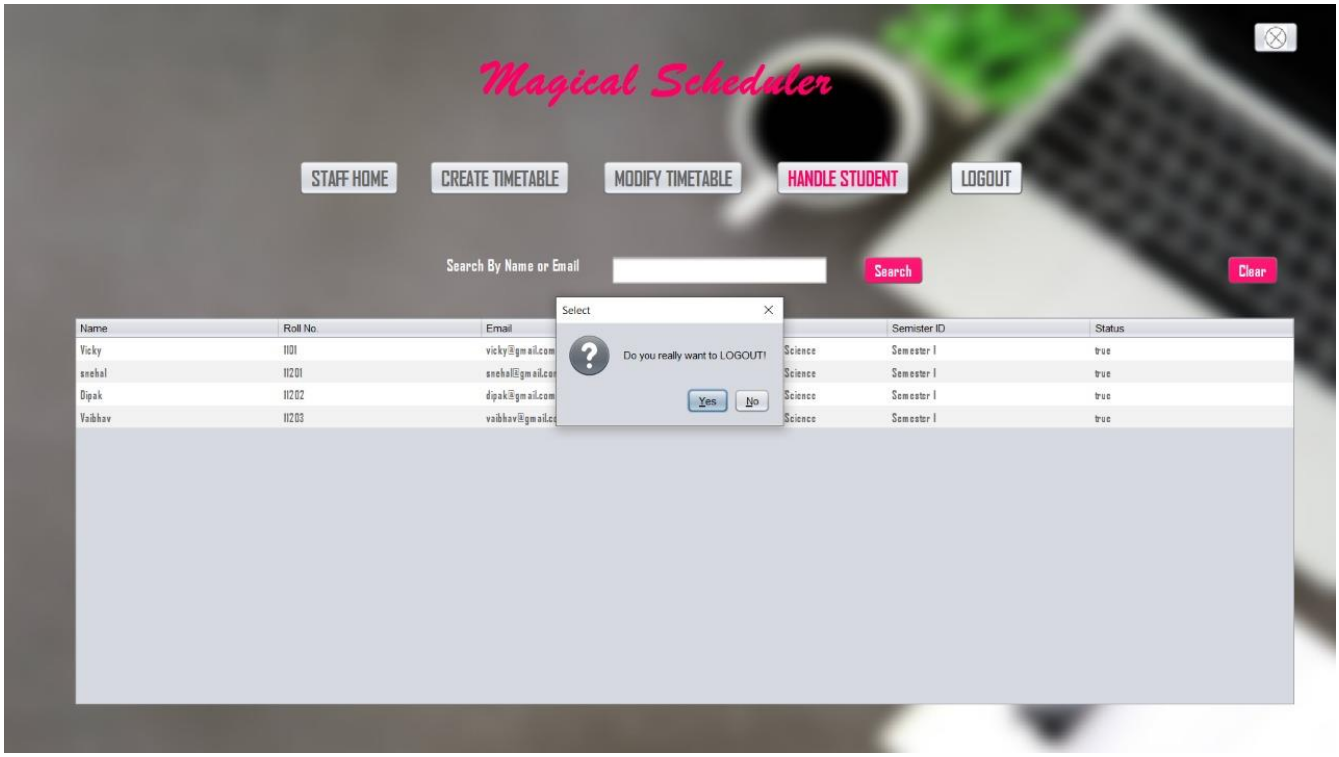

Magical Scheduler
STAFF HOME
CREATE TIMETABLE
MODIFY TIMETABLE
HANDLE STUDENT
LOGOUT
CATEGORIES
View Timetable
Update Timetable
Course Name
Bachelors of Computer Science
Semester Id
Semester I
View Timetable
SELECTED COURSE:
Bachelors of Computer Science
SEMESTER ID:
Semester I
ROOM NO.:
101
Day
10:00AM-11:00AM
11:00AM-12:00PM
12:00PM-1:00PM
1:00PM-1:30PM
1:30PM-2:30PM
2:30PM-3:30PM
3:30PM-4:30PM
Monday
Java Programming
Network Technolo...
Data Structure and...
LUNCH BREAK
Object Oriented Sof...
Software Engineeri...
Object Oriented Co...
Tuesday
Java Programming
Data Structure and...
Software Engineeri...
LUNCH BREAK
Object Oriented Co...
Network Technolo...
Object Oriented Sof...
Wednesday
Software Engineeri...
Java Programming
Data Structure and...
LUNCH BREAK
Object Oriented Co...
Network Technolo...
Object Oriented Sof...
Thursday
Java Programming
Software Engineeri...
Data Structure and...
LUNCH BREAK
Object Oriented Co...
Network Technolo...
Object Oriented Sof...
Friday
Java Programming
Data Structure and...
Software Engineeri...
LUNCH BREAK
Object Oriented Co...
Network Technolo...
Object Oriented Sof...
Saturday
Java Programming
Software Engineeri...
Data Structure and...
LUNCH BREAK
Object Oriented Sof...
Network Technolo...
Object Oriented Co...
Update Table


Magical Scheduler
STAFF HOME
CREATE TIMETABLE
MODIFY TIMETABLE
HANDLE STUDENT
LOGOUT
CATEGORIES
View Timetable
Update Timetable
Course Name
Bachelors of Computer Science
Semester Id
Semester I
UPDATE TIMETABLE
Day
Monday
Search for Existing details
10:00AM - 11:00AM
11:00AM- 12:00PM
12:00PM-1:00PM
1:00PM-1:30PM
1:30PM-2:30PM
2:30PM-3:30PM
3:30PM-4:30PM
Update


Magical Schedular
STAFF HOME
CREATE TIMETABLE
MODIFY TIMETABLE
HANDLE STUDENT
LOGOUT
CATEGORIES
Create Timetable
View Timetable
CREATE TIMETABLE
Select Course
Bachelors of Computer Science
Select Semester
Semester I
Day
Monday
10:00AM - 11:00AM
Java Programming
11:00AM- 12:00PM
Java Programming
12:00PM-1:00PM
Java Programming
1:00PM-1:30PM
1:30PM-2:30PM
Java Programming
2:30PM-3:30PM
Java Programming
3:30PM-4:30PM
Java Programming
Create


Magical Scheduler
STAFF HOME
CREATE TIMETABLE
MODIFY TIMETABLE
HANDLE STUDENT
LOGOUT
CATEGORIES
Add Subject
Add Room
ADD ROOM
Course Name
Bachelors of Computer Science
Room No.
Add Room


Magical Scheduler
STAFF HOME
CREATE TIMETABLE
MODIFY TIMETABLE
HANDLE STUDENTS
LOGOUT
CATEGORIES
Add Subject
Add Room
ADD SUBJECT
Subject Id
22301
Subject Name
Semester Id
Semester I
Year
First Year
Course Name
Bachelors of Computer Science
Add Subject


Magical Scheduler
STAFF HOME
CREATE TIMETABLE
MODIFY TIMETABLE
HANDLE STUDENT
LOGOUT
Search By Name or Email
Search
Clear
Name
Roll No.
Email
Semister ID
Status
Vicky
1101
Science
Semester I
true
snehal
11201
Science
Semester I
true
Dipak
11202
Science
Semester I
true
Vaibhav
11203
Science
Semester I
true
Select
Do you really want to LOGOUT!
Yes
No

A3 – Sample Program Code:

```
import javax.swing.JOptionPane;

/*
 * Click nbfs://nbhost/SystemFileSystem/Templates/Licenses/license-default.txt to change this license
 * Click nbfs://nbhost/SystemFileSystem/Templates/GUIForms/JFrame.java to edit this template
 */

/**
 *
 * @author kulbhushan
 */
public class login extends javax.swing.JFrame {

    /**
     * Creates new form login
     */
    public login() {
        initComponents();
    }

    /**
     * This method is called from within the constructor to initialize the form.
     * WARNING: Do NOT modify this code. The content of this method is always
     * regenerated by the Form Editor.
     */
    @SuppressWarnings("unchecked")
    // <editor-fold defaultstate="collapsed" desc="Generated Code">
    private void initComponents() {

        buttonGroup1 = new javax.swing.ButtonGroup();
        jLabel3 = new javax.swing.JLabel();
        jButton2 = new javax.swing.JButton();
        jLabel1 = new javax.swing.JLabel();
        jRadioButton1 = new javax.swing.JRadioButton();
        jRadioButton2 = new javax.swing.JRadioButton();
        jRadioButton3 = new javax.swing.JRadioButton();
        jButton4 = new javax.swing.JButton();
        jButton3 = new javax.swing.JButton();
        jButton7 = new javax.swing.JButton();
        jButton11 = new javax.swing.JButton();
        jButton1 = new javax.swing.JButton();
        jSeparator1 = new javax.swing.JSeparator();
        jButton6 = new javax.swing.JButton();

        setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);
        setUndecorated(true);
        getContentPane().setLayout(new org.netbeans.lib.awtextra.AbsoluteLayout());

        jLabel3.setFont(new java.awt.Font("Brush Script MT", 1, 60)); // NOI18N
        jLabel3.setForeground(new java.awt.Color(255, 0, 102));
        jLabel3.setText("Magical Scheduler");
        getContentPane().add(jLabel3, new org.netbeans.lib.awtextra.AbsoluteConstraints(570, 80, 490, -1));

        jButton2.setFont(new java.awt.Font("Agency FB", 1, 24)); // NOI18N
        jButton2.setText("NEW REGISTER");
        jButton2.addActionListener(new java.awt.event.ActionListener() {
            public void actionPerformed(java.awt.event.ActionEvent evt) {
                jButton2ActionPerformed(evt);
            }
        });
        getContentPane().add(jButton2, new org.netbeans.lib.awtextra.AbsoluteConstraints(570, 210, -1, -1));

        jLabel1.setFont(new java.awt.Font("Agency FB", 1, 36)); // NOI18N
        jLabel1.setForeground(new java.awt.Color(0, 0, 204));
```

```
jLabel1.setText("CATEGORIES");
getContentPane().add(jLabel1, new org.netbeans.lib.awtextra.AbsoluteConstraints(650, 360, 170, -1));

jRadioButton1.setFont(new java.awt.Font("Agency FB", 1, 24)); // NOI18N
jRadioButton1.setForeground(new java.awt.Color(102, 0, 102));
jRadioButton1.setText("Admin Login ");
jRadioButton1.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jRadioButton1ActionPerformed(evt);
    }
});
getContentPane().add(jRadioButton1, new org.netbeans.lib.awtextra.AbsoluteConstraints(670, 470, -1, -1));

jRadioButton2.setFont(new java.awt.Font("Agency FB", 1, 24)); // NOI18N
jRadioButton2.setForeground(new java.awt.Color(102, 0, 102));
jRadioButton2.setText("Staff Login ");
jRadioButton2.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jRadioButton2ActionPerformed(evt);
    }
});
getContentPane().add(jRadioButton2, new org.netbeans.lib.awtextra.AbsoluteConstraints(670, 510, -1, -1));

jRadioButton3.setFont(new java.awt.Font("Agency FB", 1, 24)); // NOI18N
jRadioButton3.setForeground(new java.awt.Color(102, 0, 102));
jRadioButton3.setText("Student Login ");
jRadioButton3.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jRadioButton3ActionPerformed(evt);
    }
});
getContentPane().add(jRadioButton3, new org.netbeans.lib.awtextra.AbsoluteConstraints(670, 550, -1, -1));

jButton4.setIcon(new javax.swing.ImageIcon(getClass().getResource("/images/exit.jpg"))); // NOI18N
jButton4.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton4ActionPerformed(evt);
    }
});
getContentPane().add(jButton4, new org.netbeans.lib.awtextra.AbsoluteConstraints(1450, 20, -1, -1));

jButton3.setFont(new java.awt.Font("Agency FB", 1, 24)); // NOI18N
jButton3.setText("HOME");
jButton3.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton3ActionPerformed(evt);
    }
});
getContentPane().add(jButton3, new org.netbeans.lib.awtextra.AbsoluteConstraints(420, 210, -1, -1));

jButton7.setFont(new java.awt.Font("Segoe UI", 1, 24)); // NOI18N
jButton7.setText("DASHBOARD");
jButton7.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton7ActionPerformed(evt);
    }
});
getContentPane().add(jButton7, new org.netbeans.lib.awtextra.AbsoluteConstraints(820, 210, -1, -1));

jButton11.setBackground(new java.awt.Color(204, 204, 204));
jButton11.setFont(new java.awt.Font("Segoe UI", 1, 24)); // NOI18N
jButton11.setText("Mail");
jButton11.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton11ActionPerformed(evt);
    }
});
getContentPane().add(jButton11, new org.netbeans.lib.awtextra.AbsoluteConstraints(1050, 210, 110, 40));

jButton1.setIcon(new javax.swing.ImageIcon(getClass().getResource("/images/homeDecore.jpg"))); // NOI18N
jButton1.setText("jButton1");
```

```
        jButton1.addActionListener(new java.awt.event.ActionListener() {
            public void actionPerformed(java.awt.event.ActionEvent evt) {
                jButton1ActionPerformed(evt);
            }
        });
        getContentPane().add(jButton1, new org.netbeans.lib.awtextra.AbsoluteConstraints(60, 380, 500, -1));
        getContentPane().add(jSeparator1, new org.netbeans.lib.awtextra.AbsoluteConstraints(0, 290, 1550, -1));

        jButton6.setIcon(new javax.swing.ImageIcon(getClass().getResource("/images/allBackgroundBlur.jpg"))); // NOI18N
        jButton6.setText("jButton6");
        getContentPane().add(jButton6, new org.netbeans.lib.awtextra.AbsoluteConstraints(0, 290, 1570, 870));

        pack();
    }// </editor-fold>

    private void jButton2ActionPerformed(java.awt.event.ActionEvent evt) {
        // TODO add your handling code here:
        setVisible(false);
        new newRegister().setVisible(true);
    }

    private void jRadioButton1ActionPerformed(java.awt.event.ActionEvent evt) {
        // TODO add your handling code here:
        setVisible(false);
        new adminLogin().setVisible(true);
    }

    private void jButton4ActionPerformed(java.awt.event.ActionEvent evt) {
        // TODO add your handling code here:
        int a=JOptionPane.showConfirmDialog(null,"Do you really want to close this Application?","Select",JOptionPane.YES_NO_OPTION);
        if(a==0)
        System.exit(0);
    }

    private void jRadioButton2ActionPerformed(java.awt.event.ActionEvent evt) {
        // TODO add your handling code here:
        setVisible(false);
        new staffLogin().setVisible(true);
    }

    private void jRadioButton3ActionPerformed(java.awt.event.ActionEvent evt) {
        // TODO add your handling code here:
        setVisible(false);
        new studentLogin().setVisible(true);
    }

    private void jButton3ActionPerformed(java.awt.event.ActionEvent evt) {
        // TODO add your handling code here:
        setVisible(false);
        new mainHome().setVisible(true);
    }

    private void jButton7ActionPerformed(java.awt.event.ActionEvent evt) {
        // TODO add your handling code here:
        new dashboard().setVisible(true);

    }

    private void jButton11ActionPerformed(java.awt.event.ActionEvent evt) {
        // TODO add your handling code here:
        new mail().setVisible(true);
    }

    private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {
        // TODO add your handling code here:
    }

    /**
     * @param args the command line arguments
     */
    public static void main(String args[]) {
```

```
        /* Set the Nimbus look and feel */
        //<editor-fold defaultstate="collapsed" desc=" Look and feel setting code (optional) ">
        /* If Nimbus (introduced in Java SE 6) is not available, stay with the default look and feel.
         * For details see http://download.oracle.com/javase/tutorial/uiswing/lookandfeel/plaf.html
         */
        try {
            for (javax.swing.UIManager.LookAndFeelInfo info : javax.swing.UIManager.getInstalledLookAndFeels()) {
                if ("Nimbus".equals(info.getName())) {
                    javax.swing.UIManager.setLookAndFeel(info.getClassName());
                    break;
                }
            }
        } catch (ClassNotFoundException ex) {
            java.util.logging.Logger.getLogger(login.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);
        } catch (InstantiationException ex) {
            java.util.logging.Logger.getLogger(login.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);
        } catch (IllegalAccessException ex) {
            java.util.logging.Logger.getLogger(login.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);
        } catch (javax.swing.UnsupportedLookAndFeelException ex) {
            java.util.logging.Logger.getLogger(login.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);
        }
        //</editor-fold>

        /* Create and display the form */
        java.awt.EventQueue.invokeLater(new Runnable() {
            public void run() {
                new login().setVisible(true);
            }
        });
    }

    // Variables declaration - do not modify
    private javax.swing.ButtonGroup buttonGroup1;
    private javax.swing.JButton jButton1;
    private javax.swing.JButton jButton11;
    private javax.swing.JButton jButton2;
    private javax.swing.JButton jButton3;
    private javax.swing.JButton jButton4;
    private javax.swing.JButton jButton6;
    private javax.swing.JButton jButton7;
    private javax.swing.JLabel jLabel1;
    private javax.swing.JLabel jLabel3;
    private javax.swing.JRadioButton jRadioButton1;
    private javax.swing.JRadioButton jRadioButton2;
    private javax.swing.JRadioButton jRadioButton3;
    private javax.swing.JSeparator jSeparator1;
    // End of variables declaration
}

import java.sql.ResultSet;
import javax.swing.JOptionPane;
import javax.swing.table.DefaultTableModel;
import javax.swing.table.TableModel;
import project.*;
/*
 * Click nbfs://nbhost/SystemFileSystem/Templates/Licenses/license-default.txt to change this license
 * Click nbfs://nbhost/SystemFileSystem/Templates/GUIForms/JFrame.java to edit this template
 */

/**
 *
 * @author muska
 */
public class adminHome extends javax.swing.JFrame {

    /**
     * Creates new form adminHome
     */
    public adminHome() {
        initComponents();
    }
```

```
/**
 * This method is called from within the constructor to initialize the form.
 * WARNING: Do NOT modify this code. The content of this method is always
 * regenerated by the Form Editor.
 */
@SuppressWarnings("unchecked")
// <editor-fold defaultstate="collapsed" desc="Generated Code">
private void initComponents() {

    jLabel1 = new javax.swing.JLabel();
    jLabel2 = new javax.swing.JLabel();
    jTextField1 = new javax.swing.JTextField();
    jButton3 = new javax.swing.JButton();
    jButton4 = new javax.swing.JButton();
    jScrollPane1 = new javax.swing.JScrollPane();
    jTable1 = new javax.swing.JTable();
    jButton7 = new javax.swing.JButton();
    jButton6 = new javax.swing.JButton();
    jButton1 = new javax.swing.JButton();

    setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);
    setUndecorated(true);
    addComponentListener(new java.awt.event.ComponentAdapter() {
        public void componentShown(java.awt.event.ComponentEvent evt) {
            formComponentShown(evt);
        }
    });
    getContentPane().setLayout(new org.netbeans.lib.awtextra.AbsoluteLayout());

    jLabel1.setFont(new java.awt.Font("Algerian", 1, 60)); // NOI18N
    jLabel1.setForeground(new java.awt.Color(255, 0, 102));
    jLabel1.setText("Welcome Admin!");
    getContentPane().add(jLabel1, new org.netbeans.lib.awtextra.AbsoluteConstraints(80, 50, 550, -1));

    jLabel2.setFont(new java.awt.Font("Agency FB", 1, 18)); // NOI18N
    jLabel2.setForeground(new java.awt.Color(255, 255, 255));
    jLabel2.setText("Search By Name or Email");
    getContentPane().add(jLabel2, new org.netbeans.lib.awtextra.AbsoluteConstraints(500, 210, 190, -1));

    jTextField1.setFont(new java.awt.Font("Agency FB", 1, 18)); // NOI18N
    getContentPane().add(jTextField1, new org.netbeans.lib.awtextra.AbsoluteConstraints(690, 210, 250, -1));

    jButton3.setBackground(new java.awt.Color(255, 0, 102));
    jButton3.setFont(new java.awt.Font("Agency FB", 1, 18)); // NOI18N
    jButton3.setForeground(new java.awt.Color(255, 255, 255));
    jButton3.setText("Search");
    jButton3.addActionListener(new java.awt.event.ActionListener() {
        public void actionPerformed(java.awt.event.ActionEvent evt) {
            jButton3ActionPerformed(evt);
        }
    });
    getContentPane().add(jButton3, new org.netbeans.lib.awtextra.AbsoluteConstraints(980, 210, -1, -1));

    jButton4.setBackground(new java.awt.Color(255, 0, 102));
    jButton4.setFont(new java.awt.Font("Agency FB", 1, 18)); // NOI18N
    jButton4.setForeground(new java.awt.Color(255, 255, 255));
    jButton4.setText("Clear");
    jButton4.addActionListener(new java.awt.event.ActionListener() {
        public void actionPerformed(java.awt.event.ActionEvent evt) {
            jButton4ActionPerformed(evt);
        }
    });
    getContentPane().add(jButton4, new org.netbeans.lib.awtextra.AbsoluteConstraints(1400, 210, -1, -1));

    jTable1.setFont(new java.awt.Font("Agency FB", 1, 14)); // NOI18N
    jTable1.setForeground(new java.awt.Color(102, 102, 102));
    jTable1.setModel(new javax.swing.table.DefaultTableModel(
        new Object [][] {

        },
```

```
            new String [] {
                "Name", "Email", "Staff ID", "Course Name", "Semister ID", "Subject Name", "Subject ID", "Status"
            }
        ));
        jTable1.setRowHeight(26);
        jTable1.addMouseListener(new java.awt.event.MouseAdapter() {
            public void mouseClicked(java.awt.event.MouseEvent evt) {
                jTable1MouseClicked(evt);
            }
        });
        jScrollPane1.setViewportView(jTable1);

        getContentPane().add(jScrollPane1, new org.netbeans.lib.awtextra.AbsoluteConstraints(60, 280, 1410, 480));

        jButton7.setFont(new java.awt.Font("Agency FB", 1, 24)); // NOI18N
        jButton7.setForeground(new java.awt.Color(102, 102, 102));
        jButton7.setText("LOGOUT");
        jButton7.addActionListener(new java.awt.event.ActionListener() {
            public void actionPerformed(java.awt.event.ActionEvent evt) {
                jButton7ActionPerformed(evt);
            }
        });
        getContentPane().add(jButton7, new org.netbeans.lib.awtextra.AbsoluteConstraints(1300, 40, -1, -1));

        jButton6.setFont(new java.awt.Font("Agency FB", 1, 24)); // NOI18N
        jButton6.setForeground(new java.awt.Color(102, 102, 102));
        jButton6.setText("EXIT");
        jButton6.addActionListener(new java.awt.event.ActionListener() {
            public void actionPerformed(java.awt.event.ActionEvent evt) {
                jButton6ActionPerformed(evt);
            }
        });
        getContentPane().add(jButton6, new org.netbeans.lib.awtextra.AbsoluteConstraints(1420, 40, 80, -1));

        jButton1.setIcon(new javax.swing.ImageIcon(getClass().getResource("/images/allBackgroundBlur.jpg"))); // NOI18N
        getContentPane().add(jButton1, new org.netbeans.lib.awtextra.AbsoluteConstraints(0, 0, 1550, 870));

        pack();
    }// </editor-fold>

    private void jButton3ActionPerformed(java.awt.event.ActionEvent evt) {
        // TODO add your handling code here:
        String nameOrEmail=jTextField1.getText();
        ResultSet rs= Select.getData("select *from staff where name like '%"+nameOrEmail+"%' or email like '%"+nameOrEmail+"%'");
        DefaultTableModel model = (DefaultTableModel)jTable1.getModel();
        model.setRowCount(0);
        try
        {
            while(rs.next())
            {
                model.addRow(new
Object[]{rs.getString(1),rs.getString(2),rs.getString(3),rs.getString(8),rs.getString(9),rs.getString(10),rs.getString(11),rs.getString(12)});
            }
            rs.close();
        }
        catch(Exception e)
        {
            JOptionPane.showMessageDialog(null, e);
        }
    }

    private void jButton4ActionPerformed(java.awt.event.ActionEvent evt) {
        // TODO add your handling code here:
        setVisible(false);
        new adminHome().setVisible(true);
    }

    private void jTable1MouseClicked(java.awt.event.MouseEvent evt) {
        // TODO add your handling code here:
         int index=jTable1.getSelectedRow();
        TableModel model=jTable1.getModel();
```

```
        String email=model.getValueAt(index,1).toString();
        String status=model.getValueAt(index,7).toString();
        if(status.equals("true"))
        status="false";
        else
        status="true";
        try
        {
            int a=JOptionPane.showConfirmDialog(null, "Do you want to change status of "+email+"","select",JOptionPane.YES_NO_OPTION);
            if(a==0)
            {
                InsertUpdateDelete.setData("update staff set status='"+status+"' where email='"+email+"'","Status Changed Successfully!");
                setVisible(false);
                new adminHome().setVisible(true);
            }
        }
        catch(Exception e)
        {
            JOptionPane.showMessageDialog(null, e);
        }
    }

    private void jButton7ActionPerformed(java.awt.event.ActionEvent evt) {
        // TODO add your handling code here:
        int a=JOptionPane.showConfirmDialog(null, "Do you really want to LOGOUT!","Select",JOptionPane.YES_NO_OPTION);
        if(a==0)
        {
            setVisible(false);
            new login().setVisible(true);
        }
    }

    private void jButton6ActionPerformed(java.awt.event.ActionEvent evt) {
        // TODO add your handling code here:
        int a=JOptionPane.showConfirmDialog(null,"Do you really want to close this Application?","Select",JOptionPane.YES_NO_OPTION);
        if(a==0)
        System.exit(0);
    }

    private void formComponentShown(java.awt.event.ComponentEvent evt) {
        // TODO add your handling code here:
        ResultSet rs= Select.getData("select *from staff");
        DefaultTableModel model = (DefaultTableModel)jTable1.getModel();
        model.setRowCount(0);
        try
        {
            while(rs.next())
            {
                model.addRow(new
Object[]{rs.getString(1),rs.getString(2),rs.getString(3),rs.getString(8),rs.getString(9),rs.getString(10),rs.getString(11),rs.getString(12)});
            }
            rs.close();
        }
        catch(Exception e)
        {
            JOptionPane.showMessageDialog(null, e);
        }
    }

    /**
     * @param args the command line arguments
     */
    public static void main(String args[]) {
        /* Set the Nimbus look and feel */
        //<editor-fold defaultstate="collapsed" desc=" Look and feel setting code (optional) ">
        /* If Nimbus (introduced in Java SE 6) is not available, stay with the default look and feel.
         * For details see http://download.oracle.com/javase/tutorial/uiswing/lookandfeel/plaf.html
         */
        try {
            for (javax.swing.UIManager.LookAndFeelInfo info : javax.swing.UIManager.getInstalledLookAndFeels()) {
                if ("Nimbus".equals(info.getName())) {
```

```
                javax.swing.UIManager.setLookAndFeel(info.getClassName());
                break;
            }
        }
    } catch (ClassNotFoundException ex) {
        java.util.logging.Logger.getLogger(adminHome.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);
    } catch (InstantiationException ex) {
        java.util.logging.Logger.getLogger(adminHome.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);
    } catch (IllegalAccessException ex) {
        java.util.logging.Logger.getLogger(adminHome.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);
    } catch (javax.swing.UnsupportedLookAndFeelException ex) {
        java.util.logging.Logger.getLogger(adminHome.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);
    }
    //</editor-fold>

    /* Create and display the form */
    java.awt.EventQueue.invokeLater(new Runnable() {
        public void run() {
            new adminHome().setVisible(true);
        }
    });
}

import javax.swing.JOptionPane;
import project.InsertUpdateDelete;

/*
 * Click nbfs://nbhost/SystemFileSystem/Templates/Licenses/license-default.txt to change this license
 * Click nbfs://nbhost/SystemFileSystem/Templates/GUIForms/JFrame.java to edit this template
 */

/**
 *
 * @author kulbhushan
 */
public class adminHomeAddRoom extends javax.swing.JFrame {

    /**
     * Creates new form adminHomeAddRoom
     */
    public adminHomeAddRoom() {
        initComponents();
    }

    /**
     * This method is called from within the constructor to initialize the form.
     * WARNING: Do NOT modify this code. The content of this method is always
     * regenerated by the Form Editor.
     */
    @SuppressWarnings("unchecked")
    // <editor-fold defaultstate="collapsed" desc="Generated Code">
    private void initComponents() {

        jButton1 = new javax.swing.JButton();
        jButton2 = new javax.swing.JButton();
        jLabel3 = new javax.swing.JLabel();
        jButton3 = new javax.swing.JButton();
        jButton4 = new javax.swing.JButton();
        jLabel1 = new javax.swing.JLabel();
        jRadioButton2 = new javax.swing.JRadioButton();
        jRadioButton1 = new javax.swing.JRadioButton();
        jLabel2 = new javax.swing.JLabel();
        jButton8 = new javax.swing.JButton();
        jButton6 = new javax.swing.JButton();
        jButton7 = new javax.swing.JButton();
        jLabel5 = new javax.swing.JLabel();
        jLabel6 = new javax.swing.JLabel();
        jComboBox1 = new javax.swing.JComboBox<>();
        jTextField1 = new javax.swing.JTextField();
        jButton9 = new javax.swing.JButton();
```

```
setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);
setUndecorated(true);
getContentPane().setLayout(new org.netbeans.lib.awtextra.AbsoluteLayout());

jButton1.setFont(new java.awt.Font("Agency FB", 1, 24)); // NOI18N
jButton1.setForeground(new java.awt.Color(255, 0, 102));
jButton1.setText("STAFF HOME");
jButton1.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton1ActionPerformed(evt);
    }
});
getContentPane().add(jButton1, new org.netbeans.lib.awtextra.AbsoluteConstraints(340, 200, -1, -1));

jButton2.setFont(new java.awt.Font("Agency FB", 1, 24)); // NOI18N
jButton2.setForeground(new java.awt.Color(102, 102, 102));
jButton2.setText("CREATE TIMETABLE");
jButton2.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton2ActionPerformed(evt);
    }
});
getContentPane().add(jButton2, new org.netbeans.lib.awtextra.AbsoluteConstraints(500, 200, -1, -1));

jLabel3.setFont(new java.awt.Font("Brush Script MT", 1, 60)); // NOI18N
jLabel3.setForeground(new java.awt.Color(255, 0, 102));
jLabel3.setText("Magical Scheduler");
getContentPane().add(jLabel3, new org.netbeans.lib.awtextra.AbsoluteConstraints(550, 70, 480, -1));

jButton3.setFont(new java.awt.Font("Agency FB", 1, 24)); // NOI18N
jButton3.setForeground(new java.awt.Color(102, 102, 102));
jButton3.setText("MODIFY TIMETABLE");
jButton3.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton3ActionPerformed(evt);
    }
});
getContentPane().add(jButton3, new org.netbeans.lib.awtextra.AbsoluteConstraints(710, 200, -1, -1));

jButton4.setFont(new java.awt.Font("Agency FB", 1, 24)); // NOI18N
jButton4.setForeground(new java.awt.Color(102, 102, 102));
jButton4.setText("HANDLE STUDENT");
jButton4.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton4ActionPerformed(evt);
    }
});
getContentPane().add(jButton4, new org.netbeans.lib.awtextra.AbsoluteConstraints(920, 200, -1, -1));

jLabel1.setFont(new java.awt.Font("Agency FB", 1, 24)); // NOI18N
jLabel1.setText("CATEGORIES");
getContentPane().add(jLabel1, new org.netbeans.lib.awtextra.AbsoluteConstraints(440, 350, 138, -1));

jRadioButton2.setFont(new java.awt.Font("Agency FB", 1, 24)); // NOI18N
jRadioButton2.setForeground(new java.awt.Color(255, 255, 255));
jRadioButton2.setText("Add Subject");
jRadioButton2.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jRadioButton2ActionPerformed(evt);
    }
});
getContentPane().add(jRadioButton2, new org.netbeans.lib.awtextra.AbsoluteConstraints(440, 400, -1, -1));

jRadioButton1.setFont(new java.awt.Font("Agency FB", 1, 24)); // NOI18N
jRadioButton1.setForeground(new java.awt.Color(255, 0, 102));
jRadioButton1.setText("Add Room");
jRadioButton1.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jRadioButton1ActionPerformed(evt);
    }
});
```

```
        getContentPane().add(jRadioButton1, new org.netbeans.lib.awtextra.AbsoluteConstraints(440, 440, -1, -1));

        jLabel2.setFont(new java.awt.Font("Agency FB", 1, 24)); // NOI18N
        jLabel2.setForeground(new java.awt.Color(255, 255, 255));
        jLabel2.setText("ADD ROOM");
        getContentPane().add(jLabel2, new org.netbeans.lib.awtextra.AbsoluteConstraints(900, 340, -1, -1));

        jButton8.setBackground(new java.awt.Color(255, 0, 102));
        jButton8.setFont(new java.awt.Font("Agency FB", 1, 24)); // NOI18N
        jButton8.setForeground(new java.awt.Color(255, 255, 255));
        jButton8.setText("Add Room");
        jButton8.addActionListener(new java.awt.event.ActionListener() {
            public void actionPerformed(java.awt.event.ActionEvent evt) {
                jButton8ActionPerformed(evt);
            }
        });
        getContentPane().add(jButton8, new org.netbeans.lib.awtextra.AbsoluteConstraints(880, 540, -1, -1));

        jButton6.setFont(new java.awt.Font("Agency FB", 1, 24)); // NOI18N
        jButton6.setForeground(new java.awt.Color(102, 102, 102));
        jButton6.setText("LOGOUT");
        jButton6.addActionListener(new java.awt.event.ActionListener() {
            public void actionPerformed(java.awt.event.ActionEvent evt) {
                jButton6ActionPerformed(evt);
            }
        });
        getContentPane().add(jButton6, new org.netbeans.lib.awtextra.AbsoluteConstraints(1110, 200, -1, -1));

        jButton7.setIcon(new javax.swing.ImageIcon(getClass().getResource("/images/exit.jpg"))); // NOI18N
        jButton7.addActionListener(new java.awt.event.ActionListener() {
            public void actionPerformed(java.awt.event.ActionEvent evt) {
                jButton7ActionPerformed(evt);
            }
        });
        getContentPane().add(jButton7, new org.netbeans.lib.awtextra.AbsoluteConstraints(1460, 30, -1, -1));

        jLabel5.setFont(new java.awt.Font("Agency FB", 1, 18)); // NOI18N
        jLabel5.setForeground(new java.awt.Color(255, 255, 255));
        jLabel5.setText("Course Name");
        getContentPane().add(jLabel5, new org.netbeans.lib.awtextra.AbsoluteConstraints(670, 420, -1, -1));

        jLabel6.setFont(new java.awt.Font("Agency FB", 1, 18)); // NOI18N
        jLabel6.setForeground(new java.awt.Color(255, 255, 255));
        jLabel6.setText("Room No.");
        getContentPane().add(jLabel6, new org.netbeans.lib.awtextra.AbsoluteConstraints(670, 480, -1, 20));

        jComboBox1.setFont(new java.awt.Font("Agency FB", 1, 18)); // NOI18N
        jComboBox1.setForeground(new java.awt.Color(102, 102, 102));
        jComboBox1.setModel(new javax.swing.DefaultComboBoxModel<>(new String[] { "Bachelors of Computer Science", "Bachelors of Computer
Application", "Masters in Computer Science", "Masters in Computer Application" }));
        getContentPane().add(jComboBox1, new org.netbeans.lib.awtextra.AbsoluteConstraints(800, 420, 330, -1));

        jTextField1.setFont(new java.awt.Font("Agency FB", 1, 18)); // NOI18N
        jTextField1.setForeground(new java.awt.Color(102, 102, 102));
        jTextField1.addActionListener(new java.awt.event.ActionListener() {
            public void actionPerformed(java.awt.event.ActionEvent evt) {
                jTextField1ActionPerformed(evt);
            }
        });
        getContentPane().add(jTextField1, new org.netbeans.lib.awtextra.AbsoluteConstraints(800, 480, 330, -1));

        jButton9.setIcon(new javax.swing.ImageIcon(getClass().getResource("/images/allBackgroundBlur.jpg"))); // NOI18N
        getContentPane().add(jButton9, new org.netbeans.lib.awtextra.AbsoluteConstraints(0, 0, 1550, 870));

        pack();
    }// </editor-fold>

    private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {
        // TODO add your handling code here:
        setVisible(false);
        new staffHome().setVisible(true);
```

```
    }

    private void jButton2ActionPerformed(java.awt.event.ActionEvent evt) {
        // TODO add your handling code here:
        setVisible(false);
        new createTimetable().setVisible(true);
    }

    private void jButton3ActionPerformed(java.awt.event.ActionEvent evt) {
        // TODO add your handling code here:
        setVisible(false);
        new modifyTimetable().setVisible(true);
    }

    private void jButton4ActionPerformed(java.awt.event.ActionEvent evt) {
        // TODO add your handling code here:
        setVisible(false);
        new handleStudent().setVisible(true);
    }

    private void jRadioButton2ActionPerformed(java.awt.event.ActionEvent evt) {
        // TODO add your handling code here:
        setVisible(false);
        new staffHome().setVisible(true);
    }

    private void jRadioButton1ActionPerformed(java.awt.event.ActionEvent evt) {
        // TODO add your handling code here:
        setVisible(false);
        new adminHomeAddRoom().setVisible(true);
    }

    private void jButton6ActionPerformed(java.awt.event.ActionEvent evt) {
        // TODO add your handling code here:
        setVisible(false);
        new login().setVisible(true);
    }

    private void jButton7ActionPerformed(java.awt.event.ActionEvent evt) {
        // TODO add your handling code here:
        int a=JOptionPane.showConfirmDialog(null,"Do you really want to close this Application?","Select",JOptionPane.YES_NO_OPTION);
        if(a==0)
        System.exit(0);
    }

    private void jButton8ActionPerformed(java.awt.event.ActionEvent evt) {
        // TODO add your handling code here:
        String courseName = (String)jComboBox1.getSelectedItem();
        String roomNo = jTextField1.getText();

        if(roomNo.equals(""))
        JOptionPane.showMessageDialog(null,"Room Number Is Required!!");

        else
        {
            String Query;
            Query = "insert into room values('"+courseName+"','"+roomNo+"')";
            InsertUpdateDelete.setData(Query, "Room Added Successfully!!");
            setVisible(false);
            new adminHomeAddRoom().setVisible(true);
        }
    }

    private void jTextField1ActionPerformed(java.awt.event.ActionEvent evt) {
        // TODO add your handling code here:
    }

    /**
     * @param args the command line arguments
     */
    public static void main(String args[]) {
```

```
        /* Set the Nimbus look and feel */
        //<editor-fold defaultstate="collapsed" desc=" Look and feel setting code (optional) ">
        /* If Nimbus (introduced in Java SE 6) is not available, stay with the default look and feel.
         * For details see http://download.oracle.com/javase/tutorial/uiswing/lookandfeel/plaf.html
         */
        try {
            for (javax.swing.UIManager.LookAndFeelInfo info : javax.swing.UIManager.getInstalledLookAndFeels()) {
                if ("Nimbus".equals(info.getName())) {
                    javax.swing.UIManager.setLookAndFeel(info.getClassName());
                    break;
                }
            }
        } catch (ClassNotFoundException ex) {
            java.util.logging.Logger.getLogger(adminHomeAddRoom.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);
        } catch (InstantiationException ex) {
            java.util.logging.Logger.getLogger(adminHomeAddRoom.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);
        } catch (IllegalAccessException ex) {
            java.util.logging.Logger.getLogger(adminHomeAddRoom.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);
        } catch (javax.swing.UnsupportedLookAndFeelException ex) {
            java.util.logging.Logger.getLogger(adminHomeAddRoom.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);
        }
        //</editor-fold>

        /* Create and display the form */
        java.awt.EventQueue.invokeLater(new Runnable() {
            public void run() {
                new adminHomeAddRoom().setVisible(true);
            }
        });
    }

import javax.swing.JOptionPane;

/*
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 */

/**
 *
 * @author kulbhushan
 */
public class adminLogin extends javax.swing.JFrame {

    /**
     * Creates new form adminLogin
     */
    public adminLogin() {
        initComponents();
    }

    /**
     * This method is called from within the constructor to initialize the form.
     * WARNING: Do NOT modify this code. The content of this method is always
     * regenerated by the Form Editor.
     */
    @SuppressWarnings("unchecked")
    // <editor-fold defaultstate="collapsed" desc="Generated Code">
    private void initComponents() {

        buttonGroup1 = new javax.swing.ButtonGroup();
        jLabel3 = new javax.swing.JLabel();
        jButton1 = new javax.swing.JButton();
        jButton2 = new javax.swing.JButton();
        jLabel1 = new javax.swing.JLabel();
        jRadioButton1 = new javax.swing.JRadioButton();
        jRadioButton2 = new javax.swing.JRadioButton();
        jRadioButton3 = new javax.swing.JRadioButton();
        jButton4 = new javax.swing.JButton();
        jLabel2 = new javax.swing.JLabel();
        jLabel4 = new javax.swing.JLabel();
```

```
jLabel5 = new javax.swing.JLabel();
jTextField1 = new javax.swing.JTextField();
jPasswordField1 = new javax.swing.JPasswordField();
jButton3 = new javax.swing.JButton();
jButton6 = new javax.swing.JButton();
jButton8 = new javax.swing.JButton();
jButton7 = new javax.swing.JButton();

setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);
setUndecorated(true);
getContentPane().setLayout(new org.netbeans.lib.awtextra.AbsoluteLayout());

jLabel3.setFont(new java.awt.Font("Brush Script MT", 1, 60)); // NOI18N
jLabel3.setForeground(new java.awt.Color(255, 0, 102));
jLabel3.setText("Magical Scheduler");
getContentPane().add(jLabel3, new org.netbeans.lib.awtextra.AbsoluteConstraints(550, 70, 480, -1));

jButton1.setBackground(new java.awt.Color(255, 0, 102));
jButton1.setFont(new java.awt.Font("Agency FB", 1, 24)); // NOI18N
jButton1.setForeground(new java.awt.Color(255, 255, 255));
jButton1.setText("Login");
jButton1.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton1ActionPerformed(evt);
    }
});
getContentPane().add(jButton1, new org.netbeans.lib.awtextra.AbsoluteConstraints(920, 480, -1, -1));

jButton2.setFont(new java.awt.Font("Agency FB", 1, 24)); // NOI18N
jButton2.setForeground(new java.awt.Color(102, 102, 102));
jButton2.setText("NEW REGISTER");
jButton2.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton2ActionPerformed(evt);
    }
});
getContentPane().add(jButton2, new org.netbeans.lib.awtextra.AbsoluteConstraints(810, 190, -1, -1));

jLabel1.setFont(new java.awt.Font("Agency FB", 1, 24)); // NOI18N
jLabel1.setText("CATEGORIES");
getContentPane().add(jLabel1, new org.netbeans.lib.awtextra.AbsoluteConstraints(460, 320, 138, -1));

jRadioButton1.setFont(new java.awt.Font("Agency FB", 1, 24)); // NOI18N
jRadioButton1.setForeground(new java.awt.Color(255, 0, 102));
jRadioButton1.setText("Admin Login ");
jRadioButton1.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jRadioButton1ActionPerformed(evt);
    }
});
getContentPane().add(jRadioButton1, new org.netbeans.lib.awtextra.AbsoluteConstraints(460, 370, -1, -1));

jRadioButton2.setFont(new java.awt.Font("Agency FB", 1, 24)); // NOI18N
jRadioButton2.setForeground(new java.awt.Color(255, 255, 255));
jRadioButton2.setText("Staff Login ");
jRadioButton2.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jRadioButton2ActionPerformed(evt);
    }
});
getContentPane().add(jRadioButton2, new org.netbeans.lib.awtextra.AbsoluteConstraints(460, 410, -1, -1));

jRadioButton3.setFont(new java.awt.Font("Agency FB", 1, 24)); // NOI18N
jRadioButton3.setForeground(new java.awt.Color(255, 255, 255));
jRadioButton3.setText("Student Login ");
jRadioButton3.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jRadioButton3ActionPerformed(evt);
    }
});
getContentPane().add(jRadioButton3, new org.netbeans.lib.awtextra.AbsoluteConstraints(460, 450, -1, -1));
```

```
jButton4.setIcon(new javax.swing.ImageIcon(getClass().getResource("/images/exit.jpg"))); // NOI18N
jButton4.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton4ActionPerformed(evt);
    }
});
getContentPane().add(jButton4, new org.netbeans.lib.awtextra.AbsoluteConstraints(1450, 20, -1, -1));

jLabel2.setFont(new java.awt.Font("Agency FB", 1, 24)); // NOI18N
jLabel2.setForeground(new java.awt.Color(255, 255, 255));
jLabel2.setText("ADMIN LOGIN");
getContentPane().add(jLabel2, new org.netbeans.lib.awtextra.AbsoluteConstraints(910, 310, -1, -1));

jLabel4.setFont(new java.awt.Font("Agency FB", 1, 18)); // NOI18N
jLabel4.setForeground(new java.awt.Color(255, 255, 255));
jLabel4.setText("Email");
getContentPane().add(jLabel4, new org.netbeans.lib.awtextra.AbsoluteConstraints(720, 380, -1, -1));

jLabel5.setFont(new java.awt.Font("Agency FB", 1, 18)); // NOI18N
jLabel5.setForeground(new java.awt.Color(255, 255, 255));
jLabel5.setText("Password");
getContentPane().add(jLabel5, new org.netbeans.lib.awtextra.AbsoluteConstraints(720, 430, -1, -1));

jTextField1.setFont(new java.awt.Font("Agency FB", 1, 18)); // NOI18N
jTextField1.setForeground(new java.awt.Color(102, 102, 102));
getContentPane().add(jTextField1, new org.netbeans.lib.awtextra.AbsoluteConstraints(830, 370, 290, -1));

jPasswordField1.setFont(new java.awt.Font("Agency FB", 1, 18)); // NOI18N
jPasswordField1.setForeground(new java.awt.Color(102, 102, 102));
jPasswordField1.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jPasswordField1ActionPerformed(evt);
    }
});
getContentPane().add(jPasswordField1, new org.netbeans.lib.awtextra.AbsoluteConstraints(830, 420, 290, -1));

jButton3.setFont(new java.awt.Font("Agency FB", 1, 24)); // NOI18N
jButton3.setForeground(new java.awt.Color(102, 102, 102));
jButton3.setText("HOME");
jButton3.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton3ActionPerformed(evt);
    }
});
getContentPane().add(jButton3, new org.netbeans.lib.awtextra.AbsoluteConstraints(570, 190, -1, -1));

jButton6.setFont(new java.awt.Font("Agency FB", 1, 24)); // NOI18N
jButton6.setForeground(new java.awt.Color(255, 0, 102));
jButton6.setText("LOGIN");
jButton6.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton6ActionPerformed(evt);
    }
});
getContentPane().add(jButton6, new org.netbeans.lib.awtextra.AbsoluteConstraints(690, 190, -1, -1));

jButton8.setFont(new java.awt.Font("Agency FB", 1, 24)); // NOI18N
jButton8.setForeground(new java.awt.Color(255, 0, 102));
jButton8.setText("LOGIN");
jButton8.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton8ActionPerformed(evt);
    }
});
getContentPane().add(jButton8, new org.netbeans.lib.awtextra.AbsoluteConstraints(690, 190, -1, -1));

jButton7.setIcon(new javax.swing.ImageIcon(getClass().getResource("/images/allBackgroundBlur.jpg"))); // NOI18N
getContentPane().add(jButton7, new org.netbeans.lib.awtextra.AbsoluteConstraints(0, 0, 1550, 870));

pack();
```

```
}// </editor-fold>

private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    setVisible(false);
    new adminHome().setVisible(true);
}

private void jButton2ActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    setVisible(false);
    new newRegister().setVisible(true);
}

private void jRadioButton1ActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    setVisible(false);
    new adminLogin().setVisible(true);
}

private void jButton4ActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    int a=JOptionPane.showConfirmDialog(null,"Do you really want to close this Application?","Select",JOptionPane.YES_NO_OPTION);
    if(a==0)
    System.exit(0);
}

private void jPasswordField1ActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
}

private void jRadioButton2ActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    setVisible(false);
    new staffLogin().setVisible(true);
}

private void jRadioButton3ActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    setVisible(false);
    new studentLogin().setVisible(true);
}

private void jButton3ActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    setVisible(false);
    new mainHome().setVisible(true);
}

private void jButton6ActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
}

private void jButton8ActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
}

/**
 * @param args the command line arguments
 */
public static void main(String args[]) {
    /* Set the Nimbus look and feel */
    //<editor-fold defaultstate="collapsed" desc=" Look and feel setting code (optional) ">
    /* If Nimbus (introduced in Java SE 6) is not available, stay with the default look and feel.
     * For details see http://download.oracle.com/javase/tutorial/uiswing/lookandfeel/plaf.html
     */
    try {
        for (javax.swing.UIManager.LookAndFeelInfo info : javax.swing.UIManager.getInstalledLookAndFeels()) {
            if ("Nimbus".equals(info.getName())) {
                javax.swing.UIManager.setLookAndFeel(info.getClassName());
                break;
```

```
            }
        }
    } catch (ClassNotFoundException ex) {
        java.util.logging.Logger.getLogger(adminLogin.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);
    } catch (InstantiationException ex) {
        java.util.logging.Logger.getLogger(adminLogin.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);
    } catch (IllegalAccessException ex) {
        java.util.logging.Logger.getLogger(adminLogin.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);
    } catch (javax.swing.UnsupportedLookAndFeelException ex) {
        java.util.logging.Logger.getLogger(adminLogin.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);
    }
    //</editor-fold>

    /* Create and display the form */
    java.awt.EventQueue.invokeLater(new Runnable() {
        public void run() {
            new adminLogin().setVisible(true);
        }
    });
}

import java.sql.ResultSet;
import javax.swing.JOptionPane;
import project.InsertUpdateDelete;
import project.Select;
import java.sql.*;

/*
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 */

/**
 *
 * @author kulbhushan
 */
public class createTimetable extends javax.swing.JFrame {

    /**
     * Creates new form createTimetable
     */
    public createTimetable() {
        initComponents();
    }
    ResultSet rs;



    /**
     * This method is called from within the constructor to initialize the form.
     * WARNING: Do NOT modify this code. The content of this method is always
     * regenerated by the Form Editor.
     */
    @SuppressWarnings("unchecked")
    // <editor-fold defaultstate="collapsed" desc="Generated Code">
    private void initComponents() {

        jButton2 = new javax.swing.JButton();
        jButton1 = new javax.swing.JButton();
        jButton3 = new javax.swing.JButton();
        jButton4 = new javax.swing.JButton();
        jLabel1 = new javax.swing.JLabel();
        jRadioButton2 = new javax.swing.JRadioButton();
        jRadioButton1 = new javax.swing.JRadioButton();
        jButton6 = new javax.swing.JButton();
        jLabel2 = new javax.swing.JLabel();
        jButton8 = new javax.swing.JButton();
        jButton7 = new javax.swing.JButton();
        jLabel3 = new javax.swing.JLabel();
        jComboBox1 = new javax.swing.JComboBox<>();
        jLabel4 = new javax.swing.JLabel();
```

```
jComboBox2 = new javax.swing.JComboBox<>();
jLabel5 = new javax.swing.JLabel();
jLabel6 = new javax.swing.JLabel();
jComboBox3 = new javax.swing.JComboBox<>();
jLabel7 = new javax.swing.JLabel();
jComboBox4 = new javax.swing.JComboBox<>();
jLabel8 = new javax.swing.JLabel();
jComboBox5 = new javax.swing.JComboBox<>();
jLabel9 = new javax.swing.JLabel();
jComboBox6 = new javax.swing.JComboBox<>();
jLabel10 = new javax.swing.JLabel();
jTextField1 = new javax.swing.JTextField();
jLabel11 = new javax.swing.JLabel();
jComboBox7 = new javax.swing.JComboBox<>();
jLabel12 = new javax.swing.JLabel();
jComboBox8 = new javax.swing.JComboBox<>();
jLabel13 = new javax.swing.JLabel();
jComboBox9 = new javax.swing.JComboBox<>();
jButton9 = new javax.swing.JButton();

setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);
setUndecorated(true);
getContentPane().setLayout(new org.netbeans.lib.awtextra.AbsoluteLayout());

jButton2.setFont(new java.awt.Font("Agency FB", 1, 24)); // NOI18N
jButton2.setForeground(new java.awt.Color(255, 0, 102));
jButton2.setText("CREATE TIMETABLE");
jButton2.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton2ActionPerformed(evt);
    }
});
getContentPane().add(jButton2, new org.netbeans.lib.awtextra.AbsoluteConstraints(520, 180, -1, -1));

jButton1.setFont(new java.awt.Font("Agency FB", 1, 24)); // NOI18N
jButton1.setForeground(new java.awt.Color(102, 102, 102));
jButton1.setText("STAFF HOME");
jButton1.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton1ActionPerformed(evt);
    }
});
getContentPane().add(jButton1, new org.netbeans.lib.awtextra.AbsoluteConstraints(360, 180, -1, -1));

jButton3.setFont(new java.awt.Font("Agency FB", 1, 24)); // NOI18N
jButton3.setForeground(new java.awt.Color(102, 102, 102));
jButton3.setText("MODIFY TIMETABLE");
jButton3.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton3ActionPerformed(evt);
    }
});
getContentPane().add(jButton3, new org.netbeans.lib.awtextra.AbsoluteConstraints(730, 180, -1, -1));

jButton4.setFont(new java.awt.Font("Agency FB", 1, 24)); // NOI18N
jButton4.setForeground(new java.awt.Color(102, 102, 102));
jButton4.setText("HANDLE STUDENT");
jButton4.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton4ActionPerformed(evt);
    }
});
getContentPane().add(jButton4, new org.netbeans.lib.awtextra.AbsoluteConstraints(930, 180, -1, -1));

jLabel1.setFont(new java.awt.Font("Agency FB", 1, 24)); // NOI18N
jLabel1.setText("CATEGORIES");
getContentPane().add(jLabel1, new org.netbeans.lib.awtextra.AbsoluteConstraints(420, 300, 138, -1));

jRadioButton2.setFont(new java.awt.Font("Agency FB", 1, 24)); // NOI18N
jRadioButton2.setForeground(new java.awt.Color(255, 0, 102));
jRadioButton2.setText("Create Timetable");
```

```
        jRadioButton2.addActionListener(new java.awt.event.ActionListener() {
            public void actionPerformed(java.awt.event.ActionEvent evt) {
                jRadioButton2ActionPerformed(evt);
            }
        });
        getContentPane().add(jRadioButton2, new org.netbeans.lib.awtextra.AbsoluteConstraints(420, 350, -1, -1));

        jRadioButton1.setFont(new java.awt.Font("Agency FB", 1, 24)); // NOI18N
        jRadioButton1.setForeground(new java.awt.Color(255, 255, 255));
        jRadioButton1.setText("View Timetable");
        jRadioButton1.addActionListener(new java.awt.event.ActionListener() {
            public void actionPerformed(java.awt.event.ActionEvent evt) {
                jRadioButton1ActionPerformed(evt);
            }
        });
        getContentPane().add(jRadioButton1, new org.netbeans.lib.awtextra.AbsoluteConstraints(420, 390, -1, -1));

        jButton6.setFont(new java.awt.Font("Agency FB", 1, 24)); // NOI18N
        jButton6.setForeground(new java.awt.Color(102, 102, 102));
        jButton6.setText("LOGOUT");
        jButton6.addActionListener(new java.awt.event.ActionListener() {
            public void actionPerformed(java.awt.event.ActionEvent evt) {
                jButton6ActionPerformed(evt);
            }
        });
        getContentPane().add(jButton6, new org.netbeans.lib.awtextra.AbsoluteConstraints(1120, 180, -1, -1));

        jLabel2.setFont(new java.awt.Font("Agency FB", 1, 24)); // NOI18N
        jLabel2.setForeground(new java.awt.Color(255, 255, 255));
        jLabel2.setText("CREATE TIMETABLE");
        getContentPane().add(jLabel2, new org.netbeans.lib.awtextra.AbsoluteConstraints(860, 290, -1, -1));

        jButton8.setBackground(new java.awt.Color(255, 0, 102));
        jButton8.setFont(new java.awt.Font("Agency FB", 1, 24)); // NOI18N
        jButton8.setForeground(new java.awt.Color(255, 255, 255));
        jButton8.setText("Create");
        jButton8.addActionListener(new java.awt.event.ActionListener() {
            public void actionPerformed(java.awt.event.ActionEvent evt) {
                jButton8ActionPerformed(evt);
            }
        });
        getContentPane().add(jButton8, new org.netbeans.lib.awtextra.AbsoluteConstraints(910, 770, -1, -1));

        jButton7.setIcon(new javax.swing.ImageIcon(getClass().getResource("/images/exit.jpg"))); // NOI18N
        jButton7.addActionListener(new java.awt.event.ActionListener() {
            public void actionPerformed(java.awt.event.ActionEvent evt) {
                jButton7ActionPerformed(evt);
            }
        });
        getContentPane().add(jButton7, new org.netbeans.lib.awtextra.AbsoluteConstraints(1460, 20, -1, -1));

        jLabel3.setFont(new java.awt.Font("Agency FB", 1, 18)); // NOI18N
        jLabel3.setForeground(new java.awt.Color(255, 255, 255));
        jLabel3.setText("Select Course");
        getContentPane().add(jLabel3, new org.netbeans.lib.awtextra.AbsoluteConstraints(660, 360, 120, -1));

        jComboBox1.setFont(new java.awt.Font("Agency FB", 1, 18)); // NOI18N
        jComboBox1.setForeground(new java.awt.Color(102, 102, 102));
        jComboBox1.setModel(new javax.swing.DefaultComboBoxModel<>(new String[] { "Bachelors of Computer Science", "Bachelors of Computer
Application", "Masters in Computer Science", "Masters in Computer Application", " " }));
        getContentPane().add(jComboBox1, new org.netbeans.lib.awtextra.AbsoluteConstraints(840, 360, 320, -1));

        jLabel4.setFont(new java.awt.Font("Agency FB", 1, 18)); // NOI18N
        jLabel4.setForeground(new java.awt.Color(255, 255, 255));
        jLabel4.setText("Select Semester");
        getContentPane().add(jLabel4, new org.netbeans.lib.awtextra.AbsoluteConstraints(660, 400, -1, -1));

        jComboBox2.setFont(new java.awt.Font("Agency FB", 1, 18)); // NOI18N
        jComboBox2.setForeground(new java.awt.Color(102, 102, 102));
        jComboBox2.setModel(new javax.swing.DefaultComboBoxModel<>(new String[] { "Semester I", "Semester II", "Semester III", "Semester IV", " "
}));
```

```
        getContentPane().add(jComboBox2, new org.netbeans.lib.awtextra.AbsoluteConstraints(840, 400, 320, -1));

        jLabel5.setFont(new java.awt.Font("Brush Script MT", 1, 60)); // NOI18N
        jLabel5.setForeground(new java.awt.Color(255, 0, 102));
        jLabel5.setText("Magical Schedular");
        getContentPane().add(jLabel5, new org.netbeans.lib.awtextra.AbsoluteConstraints(570, 60, 490, -1));

        jLabel6.setFont(new java.awt.Font("Agency FB", 1, 18)); // NOI18N
        jLabel6.setForeground(new java.awt.Color(255, 255, 255));
        jLabel6.setText("Day");
        getContentPane().add(jLabel6, new org.netbeans.lib.awtextra.AbsoluteConstraints(660, 440, -1, -1));

        jComboBox3.setFont(new java.awt.Font("Agency FB", 1, 18)); // NOI18N
        jComboBox3.setForeground(new java.awt.Color(102, 102, 102));
        jComboBox3.setModel(new javax.swing.DefaultComboBoxModel<>(new String[] { "Monday", "Tuesday", "Wednesday", "Thursday", "Friday",
"Saturday" }));
        getContentPane().add(jComboBox3, new org.netbeans.lib.awtextra.AbsoluteConstraints(840, 440, 320, -1));

        jLabel7.setFont(new java.awt.Font("Agency FB", 1, 18)); // NOI18N
        jLabel7.setForeground(new java.awt.Color(255, 255, 255));
        jLabel7.setText("10:00AM - 11:00AM");
        getContentPane().add(jLabel7, new org.netbeans.lib.awtextra.AbsoluteConstraints(660, 480, -1, -1));

        jComboBox4.setFont(new java.awt.Font("Agency FB", 1, 18)); // NOI18N
        jComboBox4.setForeground(new java.awt.Color(102, 102, 102));
        jComboBox4.setModel(new javax.swing.DefaultComboBoxModel<>(new String[] { "Java Programming", "Software Engineering", "Data Structure
and Algorithm", "Object Oriented Software Engineering", "Network Technologies", "Object Oriented Concepts", "C", "C++", "ReactJS", "PHP", "HTML",
"NodeJS", "Not Scheduled", " " }));
        jComboBox4.addActionListener(new java.awt.event.ActionListener() {
            public void actionPerformed(java.awt.event.ActionEvent evt) {
                jComboBox4ActionPerformed(evt);
            }
        });
        getContentPane().add(jComboBox4, new org.netbeans.lib.awtextra.AbsoluteConstraints(840, 480, 320, -1));

        jLabel8.setFont(new java.awt.Font("Agency FB", 1, 18)); // NOI18N
        jLabel8.setForeground(new java.awt.Color(255, 255, 255));
        jLabel8.setText("11:00AM- 12:00PM");
        getContentPane().add(jLabel8, new org.netbeans.lib.awtextra.AbsoluteConstraints(660, 520, -1, -1));

        jComboBox5.setFont(new java.awt.Font("Agency FB", 1, 18)); // NOI18N
        jComboBox5.setForeground(new java.awt.Color(102, 102, 102));
        jComboBox5.setModel(new javax.swing.DefaultComboBoxModel<>(new String[] { "Java Programming", "Software Engineering", "Data Structure
and Algorithm", "Object Oriented Software Engineering", "Network Technologies", "Object Oriented Concepts", "C", "C++", "ReactJS", "PHP", "HTML",
"NodeJS", "Not Scheduled", " " }));
        getContentPane().add(jComboBox5, new org.netbeans.lib.awtextra.AbsoluteConstraints(840, 520, 320, -1));

        jLabel9.setFont(new java.awt.Font("Agency FB", 1, 18)); // NOI18N
        jLabel9.setForeground(new java.awt.Color(255, 255, 255));
        jLabel9.setText("12:00PM-1:00PM");
        getContentPane().add(jLabel9, new org.netbeans.lib.awtextra.AbsoluteConstraints(660, 560, -1, -1));

        jComboBox6.setFont(new java.awt.Font("Agency FB", 1, 18)); // NOI18N
        jComboBox6.setForeground(new java.awt.Color(102, 102, 102));
        jComboBox6.setModel(new javax.swing.DefaultComboBoxModel<>(new String[] { "Java Programming", "Software Engineering", "Data Structure
and Algorithm", "Object Oriented Software Engineering", "Network Technologies", "Object Oriented Concepts", "C", "C++", "ReactJS", "PHP", "HTML",
"NodeJS", "Not Schedule", " " }));
        getContentPane().add(jComboBox6, new org.netbeans.lib.awtextra.AbsoluteConstraints(840, 560, 320, -1));

        jLabel10.setFont(new java.awt.Font("Agency FB", 1, 18)); // NOI18N
        jLabel10.setForeground(new java.awt.Color(255, 255, 255));
        jLabel10.setText("1:00PM-1:30PM");
        getContentPane().add(jLabel10, new org.netbeans.lib.awtextra.AbsoluteConstraints(660, 600, -1, -1));

        jTextField1.setFont(new java.awt.Font("Agency FB", 1, 18)); // NOI18N
        jTextField1.setForeground(new java.awt.Color(102, 102, 102));
        getContentPane().add(jTextField1, new org.netbeans.lib.awtextra.AbsoluteConstraints(840, 600, 320, -1));

        jLabel11.setFont(new java.awt.Font("Agency FB", 1, 18)); // NOI18N
        jLabel11.setForeground(new java.awt.Color(255, 255, 255));
        jLabel11.setText("1:30PM-2:30PM");
```

```
        getContentPane().add(jLabel11, new org.netbeans.lib.awtextra.AbsoluteConstraints(660, 640, -1, -1));

        jComboBox7.setFont(new java.awt.Font("Agency FB", 1, 18)); // NOI18N
        jComboBox7.setForeground(new java.awt.Color(102, 102, 102));
        jComboBox7.setModel(new javax.swing.DefaultComboBoxModel<>(new String[] { "Java Programming", "Software Engineering", "Data Structure
and Algorithm", "Object Oriented Software Engineering", "Network Technologies", "Object Oriented Concepts", "C", "C++", "ReactJS", "PHP", "HTML",
"NodeJS", "Not Schedule", " " }));
        getContentPane().add(jComboBox7, new org.netbeans.lib.awtextra.AbsoluteConstraints(840, 640, 320, -1));

        jLabel12.setFont(new java.awt.Font("Agency FB", 1, 18)); // NOI18N
        jLabel12.setForeground(new java.awt.Color(255, 255, 255));
        jLabel12.setText("2:30PM-3:30PM");
        getContentPane().add(jLabel12, new org.netbeans.lib.awtextra.AbsoluteConstraints(660, 680, -1, -1));

        jComboBox8.setFont(new java.awt.Font("Agency FB", 1, 18)); // NOI18N
        jComboBox8.setForeground(new java.awt.Color(102, 102, 102));
        jComboBox8.setModel(new javax.swing.DefaultComboBoxModel<>(new String[] { "Java Programming", "Software Engineering", "Data Structure
and Algorithm", "Object Oriented Software Engineering", "Network Technologies", "Object Oriented Concepts", "C", "C++", "ReactJS", "PHP", "HTML",
"NodeJS", "Not Schedule", " " }));
        getContentPane().add(jComboBox8, new org.netbeans.lib.awtextra.AbsoluteConstraints(840, 680, 320, -1));

        jLabel13.setFont(new java.awt.Font("Agency FB", 1, 18)); // NOI18N
        jLabel13.setForeground(new java.awt.Color(255, 255, 255));
        jLabel13.setText("3:30PM-4:30PM");
        getContentPane().add(jLabel13, new org.netbeans.lib.awtextra.AbsoluteConstraints(660, 720, -1, -1));

        jComboBox9.setFont(new java.awt.Font("Agency FB", 1, 18)); // NOI18N
        jComboBox9.setForeground(new java.awt.Color(102, 102, 102));
        jComboBox9.setModel(new javax.swing.DefaultComboBoxModel<>(new String[] { "Java Programming", "Software Engineering", "Data Structure
and Algorithm", "Object Oriented Software Engineering", "Network Technologies", "Object Oriented Concepts", "C", "C++", "ReactJS", "PHP", "HTML",
"NodeJS", "Not Schedule", " " }));
        getContentPane().add(jComboBox9, new org.netbeans.lib.awtextra.AbsoluteConstraints(840, 720, 320, -1));

        jButton9.setIcon(new javax.swing.ImageIcon(getClass().getResource("/images/allBackgroundBlur.jpg"))); // NOI18N
        jButton9.addActionListener(new java.awt.event.ActionListener() {
            public void actionPerformed(java.awt.event.ActionEvent evt) {
                jButton9ActionPerformed(evt);
            }
        });
        getContentPane().add(jButton9, new org.netbeans.lib.awtextra.AbsoluteConstraints(0, 0, 1550, 870));

        pack();
    }// </editor-fold>

    private void jButton2ActionPerformed(java.awt.event.ActionEvent evt) {
        // TODO add your handling code here:
        setVisible(false);
        new createTimetable().setVisible(true);
    }

    private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {
        // TODO add your handling code here:
        setVisible(false);
        new staffHome().setVisible(true);
    }

    private void jButton3ActionPerformed(java.awt.event.ActionEvent evt) {
        // TODO add your handling code here:
        setVisible(false);
        new modifyTimetable().setVisible(true);
    }

    private void jButton4ActionPerformed(java.awt.event.ActionEvent evt) {
        // TODO add your handling code here:
        setVisible(false);
        new handleStudent().setVisible(true);
    }

    private void jRadioButton2ActionPerformed(java.awt.event.ActionEvent evt) {
        // TODO add your handling code here:
        setVisible(false);
```

```
        new createTimetable().setVisible(true);
    }

    private void jRadioButton1ActionPerformed(java.awt.event.ActionEvent evt) {
        // TODO add your handling code here:
        setVisible(false);
        new staffViewTimetable().setVisible(true);
    }

    private void jButton6ActionPerformed(java.awt.event.ActionEvent evt) {
        // TODO add your handling code here:
        int a=JOptionPane.showConfirmDialog(null, "Do you really want to LOGOUT!","Select",JOptionPane.YES_NO_OPTION);
        if(a==0)
        {
            setVisible(false);
            new login().setVisible(true);
        }
    }

    private void jButton8ActionPerformed(java.awt.event.ActionEvent evt) {
        // TODO add your handling code here:
        String courseName = (String)jComboBox1.getSelectedItem();
        String semesterId = (String)jComboBox2.getSelectedItem();
        String day = (String)jComboBox3.getSelectedItem();
        String firstLecture = (String)jComboBox4.getSelectedItem();
        String secondLecture = (String)jComboBox5.getSelectedItem();
        String thirdLecture = (String)jComboBox6.getSelectedItem();
        String lunch = jTextField1.getText();
        String fourthLecture = (String)jComboBox7.getSelectedItem();
        String fifthLecture = (String)jComboBox8.getSelectedItem();
        String sixthLecture = (String)jComboBox9.getSelectedItem();
        rs = Select.getData("select *from timetable where courseName='"+courseName+"' and semesterId='"+semesterId+"' and day='"+day+"'");
        try
        {

            if(lunch.equals(""))
                JOptionPane.showMessageDialog(null,"EveryField Is Required!!");
            else if(rs.next()){
                JOptionPane.showMessageDialog(null, day+" schedule is already fixed!!");
                rs.close();
            }
            else
            {
                String Query;
                rs = Select.getData("select *from subject where coursename ='"+courseName+"' and semesterId='"+semesterId+"' and
subjectName='"+firstLecture+"'");
                rs = Select.getData("select *from subject where coursename ='"+courseName+"' and semesterId='"+semesterId+"' and
subjectName='"+secondLecture+"'");
                rs = Select.getData("select *from subject where coursename ='"+courseName+"' and semesterId='"+semesterId+"' and
subjectName='"+thirdLecture+"'");
                rs = Select.getData("select *from subject where coursename ='"+courseName+"' and semesterId='"+semesterId+"' and
subjectName='"+fourthLecture+"'");
                rs = Select.getData("select *from subject where coursename ='"+courseName+"' and semesterId='"+semesterId+"' and
subjectName='"+fifthLecture+"'");
                rs = Select.getData("select *from subject where coursename ='"+courseName+"' and semesterId='"+semesterId+"' and
subjectName='"+sixthLecture+"'");

                if(rs.next()){
                    Query = "insert into timetable
values('"+courseName+"','"+semesterId+"','"+day+"','"+firstLecture+"','"+secondLecture+"','"+thirdLecture+"','"+lunch+"','"+fourthLecture+"','"+fifthLect
ure+"','"+sixthLecture+"')";
                    InsertUpdateDelete.setData(Query, "For "+day+" Schedule Added Successfully!!");
                    setVisible(false);
                    new createTimetable().setVisible(true);
                }else{
                    JOptionPane.showMessageDialog(null,"Please select subject according to course!!");
                }
            }
        }
        catch(Exception e)
        {
```

```
            JOptionPane.showMessageDialog(null, e);
        }
    }

    private void jButton7ActionPerformed(java.awt.event.ActionEvent evt) {
        // TODO add your handling code here:
        int a=JOptionPane.showConfirmDialog(null,"Do you really want to close this Application?","Select",JOptionPane.YES_NO_OPTION);
        if(a==0)
        System.exit(0);
    }

    private void jComboBox4ActionPerformed(java.awt.event.ActionEvent evt) {
        // TODO add your handling code here:

    }

    private void jButton9ActionPerformed(java.awt.event.ActionEvent evt) {
        // TODO add your handling code here:
    }

    /**
     * @param args the command line arguments
     */
    public static void main(String args[]) {
        /* Set the Nimbus look and feel */
        //<editor-fold defaultstate="collapsed" desc=" Look and feel setting code (optional) ">
        /* If Nimbus (introduced in Java SE 6) is not available, stay with the default look and feel.
         * For details see http://download.oracle.com/javase/tutorial/uiswing/lookandfeel/plaf.html
         */
        try {
            for (javax.swing.UIManager.LookAndFeelInfo info : javax.swing.UIManager.getInstalledLookAndFeels()) {
                if ("Nimbus".equals(info.getName())) {
                    javax.swing.UIManager.setLookAndFeel(info.getClassName());
                    break;
                }
            }
        } catch (ClassNotFoundException ex) {
            java.util.logging.Logger.getLogger(createTimetable.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);
        } catch (InstantiationException ex) {
            java.util.logging.Logger.getLogger(createTimetable.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);
        } catch (IllegalAccessException ex) {
            java.util.logging.Logger.getLogger(createTimetable.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);
        } catch (javax.swing.UnsupportedLookAndFeelException ex) {
            java.util.logging.Logger.getLogger(createTimetable.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);
        }
        //</editor-fold>

        /* Create and display the form */
        java.awt.EventQueue.invokeLater(new Runnable() {
            public void run() {
                new createTimetable().setVisible(true);
            }
        });
    }

import javax.swing.JOptionPane;
import project.*;
import java.sql.*;

/*
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 */

/**
 *
 * @author muska
 */
public class dashboard extends javax.swing.JFrame {

    /*
```